YEARLY SUMMARIES OF SELECTED GENERAL COMMUNICABLE DISEASES IN CALIFORNIA, 2011-2013

SURVEILLANCE AND STATISTICS SECTION
INFECTIOUS DISEASES BRANCH
DIVISION OF COMMUNICABLE DISEASE CONTROL
CENTER FOR INFECTIOUS DISEASES
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

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YEARLY SUMMARY REPORTS OF SELECTED GENERAL COMMUNICABLE DISEASES IN CALIFORNIA, 2011 - 2013: Technical Notes

Background

The California Department of Public Health (CDPH) maintains a mandatory, passive reporting system for a list[1] of communicable disease cases and outbreaks. Health care providers and laboratories are mandated to report cases or suspected cases of these communicable diseases to their local health department (LHD). LHDs are also mandated to report these cases to CDPH.

These Technical Notes describe the definitions, methods, and limitations used to summarize selected communicable diseases reported to CDPH.

The distribution of information on the health of the community is a core function and essential service of public health. The data in the yearly summaries provide important health information on the magnitude and burden of communicable diseases in California. Bearing in mind their limitations, these data can contribute toward identifying high risk groups needing preventive actions and tracking the effectiveness of control and prevention measures.

Materials and methods

Case data sources and inclusion criteria

For the 2011-2013 Yearly Summary Reports of Selected General Communicable Diseases in California, we extracted data on communicable disease cases with an estimated illness onset date from 2011 through 2013 from California Confidential Morbidity Reports that were submitted to CDPH by December 4, 2014 and which met the surveillance case definitions[2]. Because of inherent delays in case reporting and depending on the length of follow-up clinical, laboratory and epidemiologic investigation, cases with eligible illness onset dates may be added or rescinded after the date of this report. Data were quality checked and duplicate records were removed. Because coccidioidomycosis and brucellosis may occur as chronic conditions we included only the first report of the condition per person using a probabilistic de-duplication method spanning multiple surveillance reporting years.

CDPH reviewed detailed clinical and laboratory data provided on disease-specific case history forms to determine if surveillance case definitions were met. LHDs applied surveillance criteria for diseases that did not require a case history form by regulation (amebiasis, campylobacteriosis, ciguatera fish poisoning coccidioidomycosis, cryptosporidiosis, cyclosporiasis, domoic acid poisoning, giardiasis, hepatitis E, paralytic shellfish poisoning, salmonellosis, scombroid fish poisoning, shigellosis, and streptococcal infection (cases in food and dairy workers)).

For cases diagnosed with the following diseases, only those confirmed were included: Botulism (foodborne, wound, and other), Cholera, Ciguatera Fish Poisoning, Coccidioidomycosis, Domoic Acid Poisoning, Hantavirus Infection, Legionellosis, Leprosy (Hansen's Disease), Listeriosis, Plague (human), Rabies (animal and human), Staphylococcus aureus Infection (cases resulting in death or ICU).

For cases diagnosed with the following diseases, only those confirmed and probable were included: Amebiasis, Anaplasmosis/Ehrlichiosis, Anthrax, Babesiosis, Brucellosis, Campylobacteriosis, Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cryptosporidiosis, Cyclosporiasis, Cysticercosis/Taeniasis, Dengue, E. coli O157, E. coli Other STEC (non-O157), Giardiasis, Hemolytic Uremic Syndrome, Hepatitis E (acute infection), Leptospirosis, Lyme Disease, Malaria, Paralytic Shellfish Poisoning, Psittacosis, Q Fever, Relapsing Fever, Salmonellosis, Scombroid Fish Poisoning, Shiga Toxin Positive Feces (without culture confirmation), Shigellosis (Groups A, B, C, D, and Unspecified), Spotted Fever Rickettsiosis, Streptococcal Infection (cases in food and dairy workers), Toxic Shock Syndrome (Non-Streptococcal), Trichinosis, Tularemia, Typhoid Fever, Typhus Fever, Vibrio Infection (non-Cholera), Yellow Fever, Yersiniosis.

For cases diagnosed with the following diseases, only those closed by the state were included: Anthrax, Botulism (foodborne, wound, and other), Brucellosis, Cholera, Ciguatera Fish Poisoning, Cysticercosis/Taeniasis, Dengue, Domoic Acid Poisoning, E. coli O157, E. coli Other STEC (non-O157), Hantavirus Infection, Hemolytic Uremic Syndrome, Legionellosis, Leptospirosis, Lyme Disease, Malaria, Plague (human), Psittacosis, Q Fever, Rabies (animal and human), Relapsing Fever, Spotted Fever Rickettsiosis, Staphylococcus aureus Infection (cases resulting in death or ICU), Toxic Shock Syndrome (Non-Streptococcal), Trichinosis, Tularemia, Typhoid Fever, Typhus Fever, Yellow Fever.

For LHDs with surveillance systems that do not provide resolution and process status, all reported cases were included.

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Population data source

For the 2011-2013 Summaries, we used State of California, Department of Finance projections data[3-4]. Populations for the cities of Alameda, Berkeley, Long Beach, Los Angeles, and Pasadena are based on Division of Communicable Disease Control (DCDC) calculations using DOF data.

Definitions

In general, we defined a case as laboratory and/or clinical evidence of infection or disease in a person that satisfied the most recent communicable disease surveillance case definition published by the United States (US) Centers for Disease Control and Prevention (CDC) or by the Council of State and Territorial Epidemiologists (CSTE). Resolution status required for inclusion is described in individual disease summaries. By California regulation, an animal case was one that was determined, by a person authorized to do so, to have rabies.

We defined the estimated illness onset date for each case as the date closest to the time when symptoms first appeared. Because date of illness onset may not be recorded, the estimated date of illness onset can range from the first appearance of symptoms to the date the report was made to CDPH. For diseases with insidious illness onset (for instance, coccidioidomycosis), estimated illness onset was more frequently drawn from the diagnosis date.

We defined single race/ethnicity categories as follows: Hispanic (of any, including unknown, race); White, non-Hispanic; Black, non-Hispanic; Asian/Pacific Islander; and American Indian/Alaska Native. Cases with other and unknown race and ethnicity were listed as other/unknown.

We defined a rate as unreliable if the relative standard error was 23 percent or more (a threshold recommended by the National Center for Health Statistics). The formulas used to calculate the relative standard error were:

- Incidence rate (IR) = Number of cases/population x 100,000

- Standard error (SE) = IR/√number of cases

- Relative standard error = SE/IR x 100

Data analyses

We reported case totals and rates per 100,000 population stratified by estimated year of illness onset, age group, race/ethnicity, and LHD.

A substantial portion of race/ethnicity data were missing, thus rates associated with diseases with a high percentage of missing data should be interpreted with caution.

Limitations

Completeness of reporting

The numbers of disease cases in this report are likely to underestimate the true magnitude of disease. Among factors that may contribute to under-reporting are: delays in notification, limited collection or appropriate testing of specimens, health care seeking behavior among ill persons, limited resources and competing priorities in LHDs, and lack of reporting by clinicians and laboratories. Among factors that may contribute to increased reporting are disease severity, the availability of new or less expensive diagnostic tests, changes in the case definition by CDC or CDPH, recent media or public attention, and active surveillance activities.

During the surveillance periods 2011-2013, CDC and CDPH conducted active surveillance in Alameda, Contra Costa, and San Francisco Counties through the California Emerging Infections Program (CEIP). CEIP conducted active laboratory-based surveillance for Salmonella, Shigella, Campylobacter, Escherichia coli O157, Shiga toxin-producing E. coli (STEC) non-O157, Listeria monocytogenes, Yersinia, Vibrio, Cryptosporidium, and Cyclospora infection and active physician-based surveillance of pediatric hemolytic uremic syndrome (HUS) through a network of nephrologists in the catchment area. Therefore cases of these diseases might be more completely reported in these counties.

Small numbers and rate variability

All rates, even those based on full population counts, are subject to random error. Random error may be substantial when the number of cases is small (e.g., less than 20) and can make it impossible to distinguish random fluctuations from true changes in the underlying risk of disease. Rates and proportions based on small numbers should be interpreted with caution.

Rate comparisons

Incidence rate comparisons between geographic entities and over time should be done with caution. Because not all LHDs reported age data, the rates in this report are not age-adjusted. Additionally, the limitations previously listed (especially the completeness of reporting and random variability of rates) should be considered when interpreting and comparing incidence rates.

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Acknowledgements

We thank California Communicable Disease Controllers and program staff for their continued excellence in communicable disease surveillance, investigation, and control.

We would like to acknowledge the contributions to communicable disease surveillance made by the current and former members of the Infectious Diseases Branch. We thank Duc J Vugia, M.D., M.P.H. for his valuable comments.

References

[1]California Code of Regulations, Title 17, Sections 2500 and 2505
http://www.cdph.ca.gov/HealthInfo/Documents/Reportable_Diseases_Conditions.pdf

[2]Centers for Disease Control and Prevention, National Notifiable Diseases Surveillance System
http://wwwn.cdc.gov/NNDSS/script/CasedefDefault.aspx

[3]State of California, Department of Finance, P-3 State and County Population Projections by Race/Ethnicity, Detailed Age, and Gender, 2010–2060. Sacramento, California, January 2013

[4]State of California, Department of Finance, E-4 Population Estimates for Cities, Counties, and the State, 2011 – 2013, with 2010 Census Benchmark. Sacramento, California, May 2013

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Amebiasis

Amebiasis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	365	1.0	370	1.0	283	0.7
ALAMEDA COUNTY TOTAL	21	1.3	27	1.6	12	0.7*
ALAMEDA	20	1.3	21	1.4	5	0.3*
BERKELEY	1	0.9*	6	5.2*	7	6.0*
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	3	1.4*	0	-	3	1.4*
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	8	0.8*	6	0.6*	13	1.2*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	2	0.2*	2	0.2*	0	-
GLENN	1	3.5*	0	-	0	-
HUMBOLDT	1	0.7*	0	-	0	-
IMPERIAL	3	1.7*	2	1.1*	0	-
INYO	0	-	0	-	0	-
KERN	1	0.1*	2	0.2*	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	1	3.0*	0	-
LOS ANGELES COUNTY TOTAL	94	0.9	110	1.0	76	0.7
LOS ANGELES	90	0.9	104	1.0	73	0.7
LONG BEACH	4	0.9*	5	1.1*	3	0.6*
PASADENA	0	-	1	0.7*	0	-
MADERA	0	-	0	-	0	-
MARIN	5	2.0*	1	0.4*	1	0.4*
MARIPOSA	0	-	0	-	0	-
MENDOCINO	1	1.1*	1	1.1*	5	5.6*
MERCED	1	0.4*	0	-	1	0.4*
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	2	0.5*	1	0.2*	0	-
NAPA	0	-	0	-	2	1.4*
NEVADA	2	2.0*	1	1.0*	0	-
ORANGE	7	0.2*	15	0.5*	14	0.5*
PLACER	1	0.3*	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	9	0.4*	15	0.7*	10	0.4*
SACRAMENTO	12	0.8*	7	0.5*	7	0.5*
SAN BENITO	1	1.8*	1	1.8*	0	-
SAN BERNARDINO	0	-	3	0.1*	5	0.2*
SAN DIEGO	58	1.9	64	2.0	34	1.1
SAN FRANCISCO	79	9.7	57	6.9	59	7.1
SAN JOAQUIN	9	1.3*	10	1.4*	3	0.4*
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	8	1.1*	5	0.7*	8	1.1*
SANTA BARBARA	2	0.5*	1	0.2*	1	0.2*
SANTA CLARA	19	1.1	19	1.0	10	0.5*
SANTA CRUZ	1	0.4*	0	-	3	1.1*
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	1	0.2*	5	1.2*	1	0.2*
SONOMA	5	1.0*	0	-	4	0.8*
STANISLAUS	5	1.0*	5	1.0*	2	0.4*
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	1	0.2*	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	3	0.4*	5	0.6*	7	0.8*
YOLO	0	-	3	1.5*	1	0.5*
YUBA	0	-	0	-	1	1.4*

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Amebiasis

Amebiasis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	365	370	283
JANUARY	22	32	23
FEBRUARY	26	24	20
MARCH	36	37	26
APRIL	24	23	30
MAY	29	26	26
JUNE	52	33	22
JULY	42	38	20
AUGUST	27	34	26
SEPTEMBER	23	36	27
OCTOBER	31	32	28
NOVEMBER	22	28	17
DECEMBER	31	27	18

Amebiasis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	365	1.0	370	1.0	283	0.7
0	1	0.2*	1	0.2*	0	-
1-4	9	0.4*	8	0.4*	4	0.2*
5-9	16	0.6*	15	0.6*	4	0.2*
10-14	18	0.7*	12	0.5*	2	0.1*
15-24	39	0.7	39	0.7	24	0.4
25-34	57	1.1	75	1.4	57	1.0
35-44	76	1.5	74	1.4	57	1.1
45-54	74	1.4	72	1.4	71	1.4
55-64	35	0.8	39	0.9	34	0.8
65+	38	0.9	35	0.8	27	0.6
UNKNOWN	2	.	0	-	3	.

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Amebiasis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	365	1.0	370	1.0	283	0.7
ASIAN/PACIFIC ISLANDER	27	0.5	32	0.6	12	0.2*
BLACK, NOT HISPANIC	22	1.0	24	1.1	8	0.4*
HISPANIC	109	0.8	95	0.7	66	0.4
AMERICAN INDIAN/ALASKAN NATIVE	1	0.6*	0	-	1	0.6*
WHITE, NOT HISPANIC	123	0.8	126	0.8	120	0.8
OTHER/UNKNOWN	22	-	18	-	19	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Anaplasmosis and Ehrlichiosis

Anaplasmosis and Ehrlichiosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	2	0.0*	7	0.0*	11	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	1	0.1*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	1	0.1*
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	1	0.0*	0	-
LOS ANGELES	0	-	1	0.0*	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	1	0.4*	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	1	0.1*	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	0	-	1	0.0*	1	0.0*
SAN FRANCISCO	0	-	3	0.4*	2	0.2*
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	1	0.1*
SANTA BARBARA	0	-	0	-	3	0.7*
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	1	0.4*	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	1	0.2*
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	1	0.2*
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Anaplasmosis and Ehrlichiosis

Anaplasmosis and Ehrlichiosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	2	7	11
JANUARY	0	0	0
FEBRUARY	0	0	0
MARCH	0	0	0
APRIL	0	0	2
MAY	0	3	1
JUNE	2	2	2
JULY	0	1	4
AUGUST	0	1	1
SEPTEMBER	0	0	0
OCTOBER	0	0	1
NOVEMBER	0	0	0
DECEMBER	0	0	0

Anaplasmosis and Ehrlichiosis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	2	0.0*	7	0.0*	11	0.0*
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	0	-	0	-	2	0.0*
25-34	0	-	1	0.0*	2	0.0*
35-44	0	-	2	0.0*	1	0.0*
45-54	1	0.0*	0	-	0	-
55-64	1	0.0*	2	0.0*	4	0.1*
65+	0	-	2	0.0*	2	0.0*
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Anaplasmosis and Ehrlichiosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	2	0.0*	7	0.0*	11	0.0*
ASIAN/PACIFIC ISLANDER	0	-	1	0.0*	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	0	-	0	-	1	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	2	0.0*	4	0.0*	5	0.0*
OTHER/UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Anthrax

No cases of Anthrax were reported to CDPH with illness onset during 2011-2013

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Babesiosis

Babesiosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	3	0.0*	4	0.0*	3	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-
ALAMEDA	1	0.1*	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	1	0.1*	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	1	0.0*
SACRAMENTO	1	0.1*	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	1	0.1*	0	-
SANTA BARBARA	0	-	0	-	1	0.2*
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	1	0.4*
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	2	0.4*	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Babesiosis

Babesiosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET		
	2011	2012	2013
TOTAL	3	4	3
JANUARY	0	0	0
FEBRUARY	0	0	0
MARCH	0	0	0
APRIL	0	1	0
MAY	1	1	0
JUNE	0	0	1
JULY	1	0	2
AUGUST	0	0	0
SEPTEMBER	0	1	0
OCTOBER	1	0	0
NOVEMBER	0	0	0
DECEMBER	0	1	0

Babesiosis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	4	0.0*	3	0.0*
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	1	0.0*	0	-	0	-
25-34	0	-	0	-	0	-
35-44	0	-	1	0.0*	0	-
45-54	0	-	0	-	0	-
55-64	1	0.0*	1	0.0*	0	-
65+	1	0.0*	2	0.0*	3	0.1*
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Babesiosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	4	0.0*	3	0.0*
ASIAN/PACIFIC ISLANDER	0	-	1	0.0*	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	0	-	0	-	1	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	3	0.0*	2	0.0*	1	0.0*
OTHER/UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Botulism, Foodborne

Botulism, Foodborne, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	1	0.0*	1	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	0	-	0	-
LOS ANGELES	0	-	0	-	0	-
LONG BEACH	1	0.2*	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	1	0.2*	1	0.2*
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Botulism, Foodborne

Botulism, Foodborne, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET		
	2011	2012	2013
TOTAL	1	1	1
JANUARY	1	0	0
FEBRUARY	0	0	0
MARCH	0	0	0
APRIL	0	0	0
MAY	0	1	0
JUNE	0	0	0
JULY	0	0	0
AUGUST	0	0	0
SEPTEMBER	0	0	0
OCTOBER	0	0	0
NOVEMBER	0	0	1
DECEMBER	0	0	0

Botulism, Foodborne, Cases and Rates by Age Group, California, 2011 to 2013

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	1	0.0*
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	0	-	0	-	0	-
25-34	0	-	0	-	0	-
35-44	0	-	0	-	1	0.0*
45-54	0	-	1	0.0*	0	-
55-64	1	0.0*	0	-	0	-
65+	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Botulism, Foodborne, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	1	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	0	-	1	0.0*	1	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	1	0.0*	0	-	0	-
OTHER/UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Botulism, Other

Botulism, Other, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	3	0.0*	2	0.0*	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	1	2.2*	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	2	0.0*	0	-	0	-
LOS ANGELES	2	0.0*	0	-	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-
PLACER	0	-	1	0.3*	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	1	0.5*	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Botulism, Other

Botulism, Other, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	2011	2012	2013
TOTAL	3	2	0
JANUARY	0	0	0
FEBRUARY	0	1	0
MARCH	1	0	0
APRIL	0	0	0
MAY	0	0	0
JUNE	1	0	0
JULY	0	0	0
AUGUST	0	0	0
SEPTEMBER	0	0	0
OCTOBER	0	0	0
NOVEMBER	1	0	0
DECEMBER	0	1	0

Botulism, Other, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	2	0.0*	0	-
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	0	-	0	-	0	-
25-34	0	-	0	-	0	-
35-44	0	-	0	-	0	-
45-54	0	-	0	-	0	-
55-64	1	0.0*	0	-	0	-
65+	2	0.0*	2	0.0*	0	-
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Botulism, Other, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	2	0.0*	0	-
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	1	0.0*	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	2	0.0*	2	0.0*	0	-
OTHER/UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Botulism, Wound

Botulism, Wound, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

| | YEAR OF ESTIMATED ILLNESS ONSET | | | | | |
| | 2011 | | 2012 | | 2013 | |
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	9	0.0*	7	0.0*	9	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-
ALAMEDA	1	0.1*	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	1	0.1*	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	1	0.6*	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	1	0.0*	1	0.0*
LOS ANGELES	1	0.0*	1	0.0*	1	0.0*
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	1	0.4*	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	1	0.0*	1	0.0*	0	-
SACRAMENTO	0	-	0	-	1	0.1*
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	0	-	1	0.0*
SAN DIEGO	0	-	1	0.0*	0	-
SAN FRANCISCO	1	0.1*	0	-	1	0.1*
SAN JOAQUIN	0	-	1	0.1*	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	1	0.1*	2	0.1*
SANTA CRUZ	0	-	0	-	1	0.4*
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	1	0.2*
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	3	0.4*	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Botulism, Wound

Botulism, Wound, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET		
	2011	**2012**	**2013**
TOTAL	9	7	9
JANUARY	2	0	2
FEBRUARY	1	0	0
MARCH	0	1	1
APRIL	0	0	1
MAY	2	0	1
JUNE	1	0	1
JULY	0	3	1
AUGUST	1	0	0
SEPTEMBER	0	3	0
OCTOBER	1	0	0
NOVEMBER	1	0	2
DECEMBER	0	0	0

Botulism, Wound, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	9	0.0*	7	0.0*	9	0.0*
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	0	-	0	-	1	0.0*
25-34	2	0.0*	0	-	2	0.0*
35-44	2	0.0*	0	-	1	0.0*
45-54	3	0.1*	4	0.1*	2	0.0*
55-64	2	0.0*	2	0.0*	3	0.1*
65+	0	-	0	-	0	-
UNKNOWN	0	-	1	.	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Botulism, Wound, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	9	0.0*	7	0.0*	9	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	8	0.1*	4	0.0*	4	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	1	0.0*	2	0.0*	5	0.0*
OTHER/UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Brucellosis

Brucellosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	15	0.0*	37	0.1	22	0.1
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-
ALAMEDA	1	0.1*	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	1	0.5*
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	5	0.5*	2	0.2*
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	4	0.0*	6	0.1*	8	0.1*
LOS ANGELES	4	0.0*	6	0.1*	8	0.1*
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	1	0.4*	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	1	0.0*	0	-
PLACER	0	-	0	-	1	0.3*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	1	0.0*
SACRAMENTO	1	0.1*	1	0.1*	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	1	0.0*
SAN DIEGO	1	0.0*	7	0.2*	1	0.0*
SAN FRANCISCO	1	0.1*	0	-	1	0.1*
SAN JOAQUIN	1	0.1*	2	0.3*	2	0.3*
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	1	0.1*	0	-
SANTA BARBARA	0	-	4	0.9*	0	-
SANTA CLARA	1	0.1*	1	0.1*	0	-
SANTA CRUZ	1	0.4*	1	0.4*	1	0.4*
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	1	0.2*	1	0.2*
STANISLAUS	2	0.4*	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	1	0.2*
TUOLUMNE	0	-	0	-	0	-
VENTURA	1	0.1*	0	-	1	0.1*
YOLO	1	0.5*	4	2.0*	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Brucellosis

Brucellosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	15	37	22
JANUARY	0	2	2
FEBRUARY	1	2	0
MARCH	2	5	2
APRIL	1	6	2
MAY	3	4	2
JUNE	2	4	4
JULY	3	5	3
AUGUST	1	3	3
SEPTEMBER	1	0	1
OCTOBER	0	3	1
NOVEMBER	1	1	1
DECEMBER	0	2	1

Brucellosis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	15	0.0*	37	0.1	22	0.1
0	0	-	0	-	0	-
1-4	0	-	1	0.1*	0	-
5-9	0	-	2	0.1*	1	0.0*
10-14	1	0.0*	3	0.1*	1	0.0*
15-24	2	0.0*	1	0.0*	2	0.0*
25-34	1	0.0*	3	0.1*	4	0.1*
35-44	2	0.0*	6	0.1*	1	0.0*
45-54	4	0.1*	7	0.1*	3	0.1*
55-64	2	0.0*	3	0.1*	5	0.1*
65+	3	0.1*	11	0.2*	5	0.1*
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Brucellosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	15	0.0*	37	0.1	22	0.1
ASIAN/PACIFIC ISLANDER	1	0.0*	1	0.0*	2	0.0*
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	13	0.1*	27	0.2	18	0.1*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	1	0.6*	0	-
WHITE, NOT HISPANIC	0	-	6	0.0*	1	0.0*
OTHER/UNKNOWN	1	-	2	-	1	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Campylobacteriosis

Campylobacteriosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	6,758	18.0	8,048	21.3	7,698	20.1
ALAMEDA COUNTY TOTAL	360	21.9	418	25.3	409	24.3
ALAMEDA	326	21.4	362	23.5	371	23.7
BERKELEY	34	29.7	56	48.5	38	32.5
ALPINE	0	-	0	-	0	-
AMADOR	7	18.8*	9	24.7*	6	16.6*
BUTTE	49	22.2	60	27.1	38	17.1
CALAVERAS	11	24.4*	9	19.7*	6	13.2*
COLUSA	4	18.6*	5	23.3*	9	41.7*
CONTRA COSTA	276	26.0	269	25.1	259	23.9
DEL NORTE	2	7.0*	7	24.6*	1	3.6*
EL DORADO	20	11.1	15	8.2*	32	17.5
FRESNO	258	27.5	379	39.9	418	43.6
GLENN	7	24.8*	9	32.0*	10	35.4*
HUMBOLDT	26	19.2	41	30.5	30	22.3
IMPERIAL	39	22.0	65	36.5	51	28.5
INYO	1	5.4*	1	5.3*	2	10.6*
KERN	301	35.5	280	32.7	344	39.7
KINGS	9	5.9*	26	17.3	18	12.0*
LAKE	6	9.3*	9	14.0*	4	6.2*
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1,311	12.5	1,606	15.2	1,786	16.8
LOS ANGELES	1,229	12.5	1,498	15.1	1,679	16.8
LONG BEACH	52	11.2	71	15.2	61	13.0
PASADENA	30	21.6	37	26.4	46	32.7
MADERA	43	28.3	47	31.1	51	33.3
MARIN	94	37.0	91	35.8	60	23.4
MARIPOSA	0	-	1	5.4*	1	5.4*
MENDOCINO	24	27.3	45	50.8	32	36.1
MERCED	49	18.9	80	30.6	61	23.2
MODOC	0	-	1	10.6*	1	10.8*
MONO	1	7.0*	4	27.8*	3	21.2*
MONTEREY	88	21.0	101	24.0	78	18.4
NAPA	46	33.4	53	38.4	31	22.3
NEVADA	24	24.3	23	23.5	12	12.3*
ORANGE	346	11.4	417	13.6	359	11.6
PLACER	54	15.2	80	22.2	66	18.1
PLUMAS	1	5.0*	0	-	1	5.2*
RIVERSIDE	166	7.5	274	12.2	220	9.7
SACRAMENTO	200	14.0	199	13.9	257	17.8
SAN BENITO	13	23.2*	6	10.6*	5	8.7*
SAN BERNARDINO	180	8.8	191	9.3	195	9.4
SAN DIEGO	547	17.5	729	23.1	589	18.5
SAN FRANCISCO	405	49.8	451	54.8	394	47.4
SAN JOAQUIN	218	31.5	173	24.8	187	26.6
SAN LUIS OBISPO	88	32.6	77	28.4	79	29.1
SAN MATEO	251	34.5	259	35.2	206	27.7
SANTA BARBARA	108	25.4	107	25.1	101	23.4
SANTA CLARA	413	22.9	482	26.4	423	22.8
SANTA CRUZ	54	20.3	87	32.4	53	19.5
SHASTA	14	7.9*	16	9.0*	22	12.3
SIERRA	0	-	1	32.1*	0	-
SISKIYOU	10	22.3*	10	22.0*	9	19.9*
SOLANO	34	8.2	86	20.5	67	15.8
SONOMA	114	23.4	148	30.3	136	27.6
STANISLAUS	146	28.2	174	33.3	116	22.0
SUTTER	13	13.7*	14	14.5*	24	24.7
TEHAMA	14	22.0*	12	18.9*	18	28.4*
TRINITY	0	-	0	-	1	7.4*
TULARE	122	27.3	146	32.3	193	42.3
TUOLUMNE	3	5.4*	3	5.5*	5	9.2*
VENTURA	104	12.5	183	22.0	148	17.6
YOLO	73	36.0	49	23.9	50	24.2
YUBA	11	15.1*	20	27.3	21	28.7

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Campylobacteriosis

Campylobacteriosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET		
	2011	2012	2013
TOTAL	6,758	8,048	7,698
JANUARY	506	575	537
FEBRUARY	373	452	405
MARCH	434	521	482
APRIL	443	637	595
MAY	611	768	727
JUNE	679	786	850
JULY	719	913	946
AUGUST	767	893	829
SEPTEMBER	664	724	662
OCTOBER	607	707	654
NOVEMBER	487	600	534
DECEMBER	468	472	477

Campylobacteriosis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	6,758	18.0	8,048	21.3	7,698	20.1
0	146	28.8	205	39.3	220	41.9
1-4	807	40.2	882	44.2	896	44.7
5-9	442	17.7	586	23.3	552	21.8
10-14	322	12.6	384	15.2	308	12.2
15-24	869	15.5	960	17.1	965	17.1
25-34	952	17.7	1,125	20.7	1,103	20.2
35-44	768	14.9	939	18.3	863	16.8
45-54	780	14.9	977	18.7	887	17.0
55-64	732	17.3	848	19.6	801	18.1
65+	900	20.5	1,097	24.1	1,052	22.3
UNKNOWN	40	.	45	.	51	.

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Campylobacteriosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	6,758	18.0	8,048	21.3	7,698	20.1
ASIAN/PACIFIC ISLANDER	250	5.0	299	5.9	225	4.4
BLACK, NOT HISPANIC	83	3.8	101	4.6	96	4.3
HISPANIC	1,157	8.1	1,283	8.8	1,118	7.6
AMERICAN INDIAN/ALASKAN NATIVE	9	5.5*	11	6.7*	10	6.0*
WHITE, NOT HISPANIC	1,291	8.6	1,657	11.1	1,431	9.6
OTHER/UNKNOWN	852	-	1,443	-	1,542	-

Rates are expressed as cases per 100,000 population.
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Cholera

Cholera, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	0	-	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	1	0.1*	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Cholera

Cholera, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET		
	2011	2012	2013
TOTAL	1	0	0
JANUARY	0	0	0
FEBRUARY	0	0	0
MARCH	0	0	0
APRIL	0	0	0
MAY	0	0	0
JUNE	0	0	0
JULY	0	0	0
AUGUST	1	0	0
SEPTEMBER	0	0	0
OCTOBER	0	0	0
NOVEMBER	0	0	0
DECEMBER	0	0	0

Cholera, Cases and Rates by Age Group, California, 2011 to 2013

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	0	-
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	0	-	0	-	0	-
25-34	0	-	0	-	0	-
35-44	0	-	0	-	0	-
45-54	0	-	0	-	0	-
55-64	1	0.0*	0	-	0	-
65+	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Cholera, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	0	-
ASIAN/PACIFIC ISLANDER	1	0.0*	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	0	-	0	-
OTHER/UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Ciguatera Fish Poisoning

Ciguatera Fish Poisoning, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	1	0.0*	2	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	1	0.2*	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	0	-	1	0.0*	1	0.0*
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	1	0.1*
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Ciguatera Fish Poisoning

Ciguatera Fish Poisoning, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	2011	2012	2013
TOTAL	1	1	2
JANUARY	1	0	0
FEBRUARY	0	0	0
MARCH	0	0	1
APRIL	0	0	0
MAY	0	0	0
JUNE	0	1	0
JULY	0	0	0
AUGUST	0	0	0
SEPTEMBER	0	0	0
OCTOBER	0	0	0
NOVEMBER	0	0	1
DECEMBER	0	0	0

Ciguatera Fish Poisoning, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	2	0.0*
0	0	-	0	-	0	-
1-4	0	-	1	0.1*	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	0	-	0	-	0	-
25-34	0	-	0	-	1	0.0*
35-44	1	0.0*	0	-	0	-
45-54	0	-	0	-	0	-
55-64	0	-	0	-	1	0.0*
65+	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Ciguatera Fish Poisoning, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	1	0.0*	2	0.0*
ASIAN/PACIFIC ISLANDER	1	0.0*	1	0.0*	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	0	-	0	-	1	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	0	-	1	0.0*
OTHER/UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Coccidioidomycosis

Coccidioidomycosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	5,214	13.9	4,142	10.9	3,298	8.6
ALAMEDA COUNTY TOTAL	24	1.5	23	1.4	28	1.7
ALAMEDA	22	1.4	21	1.4	27	1.7
BERKELEY	2	1.7*	2	1.7*	1	0.9*
ALPINE	0	-	0	-	0	-
AMADOR	3	8.0*	1	2.7*	0	-
BUTTE	4	1.8*	4	1.8*	4	1.8*
CALAVERAS	1	2.2*	2	4.4*	3	6.6*
COLUSA	1	4.7*	0	-	0	-
CONTRA COSTA	32	3.0	30	2.8	36	3.3
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	1	0.5*	1	0.5*
FRESNO	721	76.7	479	50.5	305	31.8
GLENN	0	-	0	-	0	-
HUMBOLDT	1	0.7*	0		0	-
IMPERIAL	5	2.8*	12	6.7*	4	2.2*
INYO	0	-	0	-	0	-
KERN	2,575	303.3	1,859	217.1	1,659	191.4
KINGS	373	245.9	235	155.9	78	51.8
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	316	3.0	335	3.2	349	3.3
LOS ANGELES	302	3.1	312	3.1	340	3.4
LONG BEACH	13	2.8*	21	4.5	8	1.7*
PASADENA	1	0.7*	2	1.4*	1	0.7*
MADERA	44	28.9	24	15.9	46	30.1
MARIN	3	1.2*	1	0.4*	6	2.3*
MARIPOSA	0	-	0		0	-
MENDOCINO	1	1.1*	0	-	1	1.1*
MERCED	52	20.1	61	23.4	56	21.3
MODOC	0	-	0	-	0	-
MONO	0		0	-	0	-
MONTEREY	68	16.2	72	17.1	68	16.0
NAPA	1	0.7*	3	2.2*	0	-
NEVADA	1	1.0*	2	2.0*	0	-
ORANGE	82	2.7	113	3.7	71	2.3
PLACER	2	0.6*	7	1.9*	3	0.8*
PLUMAS	1	5.0*	0	-	2	10.4*
RIVERSIDE	72	3.2	55	2.4	33	1.5
SACRAMENTO	39	2.7	47	3.3	32	2.2
SAN BENITO	2	3.6*	0		1	1.7*
SAN BERNARDINO	48	2.3	55	2.7	47	2.3
SAN DIEGO	150	4.8	140	4.4	93	2.9
SAN FRANCISCO	8	1.0*	4	0.5*	17	2.0*
SAN JOAQUIN	111	16.0	74	10.6	53	7.5
SAN LUIS OBISPO	166	61.5	104	38.4	49	18.0
SAN MATEO	8	1.1*	16	2.2*	9	1.2*
SANTA BARBARA	18	4.2*	26	6.1	24	5.6
SANTA CLARA	28	1.5	23	1.3	17	0.9*
SANTA CRUZ	3	1.1*	9	3.3*	5	1.8*
SHASTA	2	1.1*	0	-	0	-
SIERRA	0		0	-	0	-
SISKIYOU	0	-	0	-	1	2.2*
SOLANO	15	3.6*	8	1.9*	5	1.2*
SONOMA	4	0.8*	4	0.8*	2	0.4*
STANISLAUS	58	11.2	62	11.9	40	7.6
SUTTER	1	1.1*	1	1.0*	1	1.0*
TEHAMA	0	-	1	1.6*	0	-
TRINITY	0	-	0	-	0	-
TULARE	128	28.6	151	33.4	110	24.1
TUOLUMNE	3	5.4*	6	11.1*	0	-
VENTURA	34	4.1	91	10.9	38	4.5
YOLO	4	2.0*	1	0.5*	0	-
YUBA	1	1.4*	0	-	1	1.4*

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Coccidioidomycosis

Coccidioidomycosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET		
	2011	**2012**	**2013**
TOTAL	5,214	4,142	3,298
JANUARY	410	514	269
FEBRUARY	253	511	235
MARCH	285	387	214
APRIL	291	338	266
MAY	305	324	362
JUNE	348	317	284
JULY	443	299	292
AUGUST	554	325	285
SEPTEMBER	628	304	229
OCTOBER	632	270	287
NOVEMBER	553	301	318
DECEMBER	512	252	257

Coccidioidomycosis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	5,214	13.9	4,142	10.9	3,298	8.6
0	11	2.2*	13	2.5*	2	0.4*
1-4	45	2.2	39	2.0	20	1.0
5-9	113	4.5	76	3.0	65	2.6
10-14	191	7.5	111	4.4	56	2.2
15-24	673	12.0	519	9.2	368	6.5
25-34	909	16.9	670	12.3	535	9.8
35-44	925	18.0	704	13.7	570	11.1
45-54	999	19.1	813	15.5	646	12.4
55-64	679	16.1	587	13.6	530	12.0
65+	643	14.7	589	12.9	485	10.3
UNKNOWN	26	.	21	.	21	.

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Coccidioidomycosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	5,214	13.9	4,142	10.9	3,298	8.6
ASIAN/PACIFIC ISLANDER	161	3.2	162	3.2	121	2.4
BLACK, NOT HISPANIC	352	16.0	249	11.3	166	7.5
HISPANIC	1,278	9.0	1,195	8.2	965	6.5
AMERICAN INDIAN/ALASKAN NATIVE	12	7.4*	14	8.5*	15	9.0*
WHITE, NOT HISPANIC	889	5.9	844	5.6	702	4.7
OTHER/UNKNOWN	179	-	105	-	122	-

Rates are expressed as cases per 100,000 population.
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Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

| | YEAR OF ESTIMATED ILLNESS ONSET | | | | | |
| | 2011 | | 2012 | | 2013 | |
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	29	0.1	20	0.1	26	0.1
ALAMEDA COUNTY TOTAL	1	0.1*	1	0.1*	2	0.1*
ALAMEDA	1	0.1*	1	0.1*	2	0.1*
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	1	0.1*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	1	0.1*
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	1	0.7*	1	0.7*
IMPERIAL	0	-	1	0.6*	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	1	1.6*	1	1.6*	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	6	0.1*	4	0.0*	2	0.0*
LOS ANGELES	6	0.1*	4	0.0*	2	0.0*
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	1	0.7*	0	-
MARIN	1	0.4*	1	0.4*	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	2	0.1*	3	0.1*	1	0.0*
PLACER	0	-	1	0.3*	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	3	0.1*	0	-	1	0.0*
SACRAMENTO	0	-	1	0.1*	0	-
SAN BENITO	1	1.8*	0	-	0	-
SAN BERNARDINO	2	0.1*	0	-	2	0.1*
SAN DIEGO	4	0.1*	1	0.0*	6	0.2*
SAN FRANCISCO	0	-	0	-	3	0.4*
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	1	0.4*
SAN MATEO	1	0.1*	0	-	1	0.1*
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	1	0.1*	1	0.1*
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	1	0.6*	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	1	0.2*	2	0.4*	0	-
STANISLAUS	1	0.2*	0	-	0	-
SUTTER	0	-	0	-	1	1.0*
TEHAMA	1	1.6*	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	3	0.4*	0	-	2	0.2*
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	29	20	26
JANUARY	0	6	3
FEBRUARY	0	0	0
MARCH	4	2	2
APRIL	3	0	0
MAY	4	0	3
JUNE	4	0	2
JULY	3	2	1
AUGUST	4	1	5
SEPTEMBER	3	5	3
OCTOBER	1	1	5
NOVEMBER	3	1	0
DECEMBER	0	2	2

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	29	0.1	20	0.1	26	0.1
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	1	0.0*	0	-	0	-
25-34	0	-	0	-	0	-
35-44	0	-	1	0.0*	2	0.0*
45-54	2	0.0*	1	0.0*	3	0.1*
55-64	12	0.3*	6	0.1*	5	0.1*
65+	14	0.3*	12	0.3*	16	0.3*
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Creutzfeldt-Jakob Disease and other Transmissible Spongiform Encephalopathies, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	29	0.1	20	0.1	26	0.1
ASIAN/PACIFIC ISLANDER	1	0.0*	3	0.1*	0	-
BLACK, NOT HISPANIC	0	-	0	-	1	0.0*
HISPANIC	4	0.0*	1	0.0*	4	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	20	0.1	13	0.1*	16	0.1*
OTHER/UNKNOWN	1	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Cryptosporidiosis

Cryptosporidiosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	351	0.9	351	0.9	306	0.8
ALAMEDA COUNTY TOTAL	10	0.6*	22	1.3	15	0.9*
ALAMEDA	9	0.6*	18	1.2*	15	1.0*
BERKELEY	1	0.9*	4	3.5*	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	1	0.5*	4	1.8*	21	9.5
CALAVERAS	0	-	0	-	1	2.2*
COLUSA	0	-	0	-	0	-
CONTRA COSTA	6	0.6*	3	0.3*	12	1.1*
DEL NORTE	3	10.5*	2	7.0*	0	-
EL DORADO	1	0.6*	2	1.1*	1	0.5*
FRESNO	8	0.9*	10	1.1*	8	0.8*
GLENN	1	3.5*	0	-	0	-
HUMBOLDT	7	5.2*	12	8.9*	8	5.9*
IMPERIAL	0	-	1	0.6*	0	-
INYO	0	-	0	-	1	5.3*
KERN	8	0.9*	9	1.1*	3	0.3*
KINGS	4	2.6*	5	3.3*	2	1.3*
LAKE	0	-	0	-	1	1.6*
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	64	0.6	54	0.5	53	0.5
LOS ANGELES	54	0.5	48	0.5	48	0.5
LONG BEACH	10	2.2*	4	0.9*	5	1.1*
PASADENA	0	-	2	1.4*	0	-
MADERA	1	0.7*	0	-	0	-
MARIN	5	2.0*	7	2.8*	4	1.6*
MARIPOSA	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	0	-
MERCED	1	0.4*	1	0.4*	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	6	1.4*	1	0.2*	2	0.5*
NAPA	0	-	4	2.9*	1	0.7*
NEVADA	0	-	1	1.0*	1	1.0*
ORANGE	22	0.7	28	0.9	22	0.7
PLACER	3	0.8*	4	1.1*	2	0.5*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	9	0.4*	15	0.7*	10	0.4*
SACRAMENTO	10	0.7*	8	0.6*	7	0.5*
SAN BENITO	2	3.6*	0	-	0	-
SAN BERNARDINO	10	0.5*	8	0.4*	6	0.3*
SAN DIEGO	12	0.4*	30	1.0	24	0.8
SAN FRANCISCO	24	3.0	20	2.4	16	1.9*
SAN JOAQUIN	4	0.6*	0	-	3	0.4*
SAN LUIS OBISPO	12	4.4*	7	2.6*	5	1.8*
SAN MATEO	47	6.5	38	5.2	18	2.4*
SANTA BARBARA	12	2.8*	2	0.5*	10	2.3*
SANTA CLARA	26	1.4	19	1.0	23	1.2
SANTA CRUZ	9	3.4*	8	3.0*	1	0.4*
SHASTA	0	-	1	0.6*	1	0.6*
SIERRA	0	-	0	-	0	-
SISKIYOU	3	6.7*	2	4.4*	4	8.8*
SOLANO	0	-	1	0.2*	3	0.7*
SONOMA	3	0.6*	7	1.4*	2	0.4*
STANISLAUS	3	0.6*	5	1.0*	2	0.4*
SUTTER	0	-	0	-	3	3.1*
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	5	1.1*	2	0.4*	7	1.5*
TUOLUMNE	0	-	0	-	0	-
VENTURA	1	0.1*	3	0.4*	0	-
YOLO	7	3.5*	4	2.0*	2	1.0*
YUBA	0	-	1	1.4*	1	1.4*

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Cryptosporidiosis

Cryptosporidiosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	351	351	306
JANUARY	16	26	29
FEBRUARY	21	13	21
MARCH	17	24	12
APRIL	31	34	21
MAY	23	31	19
JUNE	34	26	28
JULY	50	44	45
AUGUST	57	45	31
SEPTEMBER	35	31	26
OCTOBER	25	41	32
NOVEMBER	21	20	22
DECEMBER	21	16	20

Cryptosporidiosis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	351	0.9	351	0.9	306	0.8
0	6	1.2*	2	0.4*	1	0.2*
1-4	35	1.7	12	0.6*	14	0.7*
5-9	14	0.6*	19	0.8	18	0.7*
10-14	6	0.2*	11	0.4*	14	0.6*
15-24	45	0.8	53	0.9	40	0.7
25-34	50	0.9	53	1.0	52	1.0
35-44	48	0.9	50	1.0	45	0.9
45-54	54	1.0	47	0.9	56	1.1
55-64	42	1.0	48	1.1	29	0.7
65+	49	1.1	53	1.2	33	0.7
UNKNOWN	2	.	3	.	4	.

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Cryptosporidiosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	351	0.9	351	0.9	306	0.8
ASIAN/PACIFIC ISLANDER	10	0.2*	8	0.2*	11	0.2*
BLACK, NOT HISPANIC	14	0.6*	8	0.4*	17	0.8*
HISPANIC	59	0.4	52	0.4	48	0.3
AMERICAN INDIAN/ALASKAN NATIVE	0	-	4	2.4*	0	-
WHITE, NOT HISPANIC	121	0.8	122	0.8	111	0.7
OTHER/UNKNOWN	18	-	16	-	19	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Cyclosporiasis

Cyclosporiasis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	2	0.0*	2	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	1	0.0*	1	0.0*
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	0	-
SAN DIEGO	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	1	0.2*
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Cyclosporiasis

Cyclosporiasis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	0	2	2
JANUARY	0	1	0
FEBRUARY	0	0	0
MARCH	0	0	0
APRIL	0	0	0
MAY	0	0	0
JUNE	0	0	0
JULY	0	0	2
AUGUST	0	0	0
SEPTEMBER	0	0	0
OCTOBER	0	0	0
NOVEMBER	0	1	0
DECEMBER	0	0	0

Cyclosporiasis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	0	-	2	0.0*	2	0.0*
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	0	-	0	-	0	-
25-34	0	-	0	-	0	-
35-44	0	-	1	0.0*	1	0.0*
45-54	0	-	1	0.0*	0	-
55-64	0	-	0	-	1	0.0*
65+	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Cyclosporiasis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	0	-	2	0.0*	2	0.0*
ASIAN/PACIFIC ISLANDER	0	-	1	0.0*	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	1	0.0*	2	0.0*
OTHER/UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Cysticercosis or Taeniasis

Cysticercosis or Taeniasis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	41	0.1	27	0.1	21	0.1
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	1	0.5*	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	1	0.6*
INYO	0	-	0	-	0	-
KERN	1	0.1*	0	-	0	-
KINGS	0	-	1	0.7*	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	24	0.2	7	0.1*	3	0.0*
LOS ANGELES	24	0.2	7	0.1*	3	0.0*
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	2	1.4*
NEVADA	0	-	0	-	0	-
ORANGE	3	0.1*	1	0.0*	1	0.0*
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	2	0.1*	2	0.1*	3	0.1*
SACRAMENTO	1	0.1*	3	0.2*	1	0.1*
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	1	0.0*	1	0.0*
SAN DIEGO	2	0.1*	2	0.1*	2	0.1*
SAN FRANCISCO	0	-	0	-	1	0.1*
SAN JOAQUIN	0	-	2	0.3*	0	-
SAN LUIS OBISPO	1	0.4*	0	-	0	-
SAN MATEO	0	-	1	0.1*	0	-
SANTA BARBARA	1	0.2*	1	0.2*	0	-
SANTA CLARA	0	-	2	0.1*	0	-
SANTA CRUZ	1	0.4*	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	1	2.2*
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	1	0.2*	0	-	1	0.2*
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	3	0.7*	1	0.2*	3	0.7*
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	1	0.1*	0	-
YOLO	0	-	0	-	1	0.5*
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Cysticercosis or Taeniasis

Cysticercosis or Taeniasis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET		
	2011	2012	2013
TOTAL	41	27	21
JANUARY	4	1	3
FEBRUARY	3	3	3
MARCH	5	5	3
APRIL	4	0	1
MAY	5	2	0
JUNE	6	4	3
JULY	4	2	1
AUGUST	3	3	1
SEPTEMBER	1	0	1
OCTOBER	1	2	1
NOVEMBER	1	3	2
DECEMBER	4	2	2

Cysticercosis or Taeniasis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	41	0.1	27	0.1	21	0.1
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	5	0.1*	3	0.1*	6	0.1*
25-34	11	0.2*	8	0.1*	6	0.1*
35-44	5	0.1*	10	0.2*	3	0.1*
45-54	2	0.0*	2	0.0*	4	0.1*
55-64	10	0.2*	3	0.1*	1	0.0*
65+	8	0.2*	1	0.0*	1	0.0*
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Cysticercosis or Taeniasis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	41	0.1	27	0.1	21	0.1
ASIAN/PACIFIC ISLANDER	3	0.1*	1	0.0*	0	-
BLACK, NOT HISPANIC	2	0.1*	2	0.1*	1	0.0*
HISPANIC	29	0.2	21	0.1	18	0.1*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	2	0.0*	2	0.0*	0	-
OTHER/UNKNOWN	3	-	1	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Dengue

Dengue, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	41	0.1	86	0.2	125	0.3
ALAMEDA COUNTY TOTAL	3	0.2*	10	0.6*	17	1.0*
ALAMEDA	1	0.1*	8	0.5*	14	0.9*
BERKELEY	2	1.7*	2	1.7*	3	2.6*
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	1	0.5*
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	4	0.4*	3	0.3*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	1	0.1*	1	0.1*	3	0.3*
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	1	0.6*	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	2	0.2*
KINGS	0	-	0	-	2	1.3*
LAKE	0	-	0	-	0	-
LASSEN	0	-	1	3.0*	0	-
LOS ANGELES COUNTY TOTAL	11	0.1*	15	0.1*	25	0.2
LOS ANGELES	11	0.1*	14	0.1*	21	0.2
LONG BEACH	0	-	1	0.2*	3	0.6*
PASADENA	0	-	0	-	1	0.7*
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	4	1.6*
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	1	1.1*
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	1	0.2*	1	0.2*	0	-
NAPA	0	-	0	-	3	2.2*
NEVADA	0	-	0	-	0	-
ORANGE	5	0.2*	4	0.1*	7	0.2*
PLACER	0	-	0	-	1	0.3*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	4	0.2*	4	0.2*
SACRAMENTO	2	0.1*	4	0.3*	2	0.1*
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	4	0.2*	3	0.1*
SAN DIEGO	7	0.2*	9	0.3*	12	0.4*
SAN FRANCISCO	1	0.1*	3	0.4*	3	0.4*
SAN JOAQUIN	0	-	0	-	2	0.3*
SAN LUIS OBISPO	0	-	1	0.4*	0	-
SAN MATEO	2	0.3*	4	0.5*	5	0.7*
SANTA BARBARA	1	0.2*	1	0.2*	4	0.9*
SANTA CLARA	3	0.2*	13	0.7*	10	0.5*
SANTA CRUZ	0	-	1	0.4*	2	0.7*
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	1	0.2*	0	-	2	0.5*
SONOMA	0	-	3	0.6*	3	0.6*
STANISLAUS	0	-	0	-	1	0.2*
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	1	0.1*	2	0.2*	2	0.2*
YOLO	0	-	1	0.5*	1	0.5*
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Dengue

Dengue, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	41	86	125
JANUARY	6	1	4
FEBRUARY	1	4	4
MARCH	1	2	6
APRIL	0	4	4
MAY	1	4	4
JUNE	3	8	6
JULY	7	10	18
AUGUST	8	19	21
SEPTEMBER	6	5	9
OCTOBER	2	10	22
NOVEMBER	2	10	19
DECEMBER	4	9	8

Dengue, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	41	0.1	86	0.2	125	0.3
0	0	-	1	0.2*	0	-
1-4	1	0.0*	0	-	0	-
5-9	0	-	3	0.1*	2	0.1*
10-14	2	0.1*	4	0.2*	9	0.4*
15-24	7	0.1*	8	0.1*	22	0.4
25-34	8	0.1*	19	0.4	13	0.2*
35-44	6	0.1*	11	0.2*	26	0.5
45-54	7	0.1*	20	0.4	21	0.4
55-64	3	0.1*	11	0.3*	19	0.4
65+	5	0.1*	7	0.2*	11	0.2*
UNKNOWN	2	.	2	.	2	.

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Dengue, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	41	0.1	86	0.2	125	0.3
ASIAN/PACIFIC ISLANDER	21	0.4	29	0.6	30	0.6
BLACK, NOT HISPANIC	2	0.1*	4	0.2*	0	-
HISPANIC	7	0.0*	15	0.1*	29	0.2
AMERICAN INDIAN/ALASKAN NATIVE	0	-	1	0.6*	0	-
WHITE, NOT HISPANIC	3	0.0*	14	0.1*	32	0.2
OTHER/UNKNOWN	4	-	3	-	2	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Domoic Acid Poisoning

No cases of Domoic Acid Poisoning were reported to CDPH with illness onset during 2011-2013

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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E. coli O157

E. coli O157, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

| | YEAR OF ESTIMATED ILLNESS ONSET | | | | | |
| | 2011 | | 2012 | | 2013 | |
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	249	0.7	297	0.8	356	0.9
ALAMEDA COUNTY TOTAL	18	1.1*	24	1.5	26	1.5
ALAMEDA	16	1.0*	22	1.4	22	1.4
BERKELEY	2	1.7*	2	1.7*	4	3.4*
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	1	2.8*
BUTTE	1	0.5*	10	4.5*	4	1.8*
CALAVERAS	1	2.2*	0	-	8	17.6*
COLUSA	0	-	0	-	0	-
CONTRA COSTA	8	0.8*	9	0.8*	16	1.5*
DEL NORTE	0	-	0	-	0	-
EL DORADO	2	1.1*	4	2.2*	0	-
FRESNO	5	0.5*	4	0.4*	14	1.5*
GLENN	1	3.5*	2	7.1*	4	14.2*
HUMBOLDT	13	9.6*	5	3.7*	5	3.7*
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	8	0.9*	3	0.4*	5	0.6*
KINGS	3	2.0*	2	1.3*	2	1.3*
LAKE	1	1.6*	1	1.6*	2	3.1*
LASSEN	0	-	5	15.0*	0	-
LOS ANGELES COUNTY TOTAL	28	0.3	25	0.2	28	0.3
LOS ANGELES	27	0.3	21	0.2	24	0.2
LONG BEACH	1	0.2*	4	0.9*	3	0.6*
PASADENA	0	-	0	-	1	0.7*
MADERA	1	0.7*	2	1.3*	4	2.6*
MARIN	1	0.4*	1	0.4*	9	3.5*
MARIPOSA	1	5.6*	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	10	3.9*	14	5.4*	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	7	1.7*	8	1.9*	4	0.9*
NAPA	2	1.5*	0	-	4	2.9*
NEVADA	2	2.0*	0	-	2	2.0*
ORANGE	5	0.2*	22	0.7	22	0.7
PLACER	2	0.6*	6	1.7*	1	0.3*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	4	0.2*	7	0.3*	11	0.5*
SACRAMENTO	6	0.4*	16	1.1*	8	0.6*
SAN BENITO	2	3.6*	1	1.8*	0	-
SAN BERNARDINO	6	0.3*	8	0.4*	7	0.3*
SAN DIEGO	11	0.4*	15	0.5*	16	0.5*
SAN FRANCISCO	8	1.0*	7	0.9*	20	2.4
SAN JOAQUIN	10	1.4*	10	1.4*	11	1.6*
SAN LUIS OBISPO	1	0.4*	5	1.8*	10	3.7*
SAN MATEO	9	1.2*	7	1.0*	15	2.0*
SANTA BARBARA	1	0.2*	4	0.9*	6	1.4*
SANTA CLARA	23	1.3	19	1.0	39	2.1
SANTA CRUZ	3	1.1*	2	0.7*	3	1.1*
SHASTA	4	2.2*	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	3	6.6*
SOLANO	3	0.7*	4	1.0*	2	0.5*
SONOMA	10	2.1*	10	2.0*	12	2.4*
STANISLAUS	9	1.7*	13	2.5*	12	2.3*
SUTTER	0	-	3	3.1*	1	1.0*
TEHAMA	2	3.1*	3	4.7*	1	1.6*
TRINITY	0	-	0	-	0	-
TULARE	6	1.3*	6	1.3*	4	0.9*
TUOLUMNE	0	-	0	-	3	5.5*
VENTURA	5	0.6*	9	1.1*	5	0.6*
YOLO	4	2.0*	0	-	3	1.5*
YUBA	2	2.8*	1	1.4*	3	4.1*

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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E. coli O157

E. coli O157, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	2011	2012	2013
TOTAL	249	297	356
JANUARY	9	8	6
FEBRUARY	6	13	6
MARCH	10	12	15
APRIL	11	24	25
MAY	14	18	36
JUNE	12	29	18
JULY	28	36	43
AUGUST	33	53	48
SEPTEMBER	38	33	57
OCTOBER	44	33	69
NOVEMBER	37	25	20
DECEMBER	7	13	13

E. coli O157, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	249	0.7	297	0.8	356	0.9
0	4	0.8*	7	1.3*	3	0.6*
1-4	69	3.4	70	3.5	92	4.6
5-9	43	1.7	45	1.8	71	2.8
10-14	20	0.8	32	1.3	21	0.8
15-24	24	0.4	46	0.8	48	0.9
25-34	15	0.3*	27	0.5	38	0.7
35-44	13	0.3*	13	0.3*	15	0.3*
45-54	17	0.3*	20	0.4	19	0.4
55-64	22	0.5	12	0.3*	16	0.4*
65+	20	0.5	23	0.5	31	0.7
UNKNOWN	2	.	2	.	2	.

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

E. coli O157, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	249	0.7	297	0.8	356	0.9
ASIAN/PACIFIC ISLANDER	19	0.4	26	0.5	35	0.7
BLACK, NOT HISPANIC	7	0.3*	7	0.3*	12	0.5*
HISPANIC	69	0.5	65	0.4	85	0.6
AMERICAN INDIAN/ALASKAN NATIVE	4	2.5*	0	-	1	0.6*
WHITE, NOT HISPANIC	107	0.7	147	1.0	151	1.0
OTHER/UNKNOWN	9	-	6	-	8	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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E. coli Other STEC (non-O157)

E. coli Other STEC (non-O157), Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	242	0.6	287	0.8	266	0.7
ALAMEDA COUNTY TOTAL	15	0.9*	12	0.7*	14	0.8*
ALAMEDA	13	0.9*	10	0.6*	10	0.6*
BERKELEY	2	1.7*	2	1.7*	4	3.4*
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	4	1.8*	1	0.5*
CALAVERAS	0	-	0	-	0	-
COLUSA	1	4.7*	0	-	1	4.6*
CONTRA COSTA	3	0.3*	4	0.4*	11	1.0*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	1	0.5*	0	-
FRESNO	11	1.2*	4	0.4*	5	0.5*
GLENN	0	-	0	-	1	3.5*
HUMBOLDT	1	0.7*	1	0.7*	0	-
IMPERIAL	1	0.6*	0	-	0	-
INYO	0	-	0	-	0	-
KERN	5	0.6*	3	0.4*	2	0.2*
KINGS	0	-	0	-	0	-
LAKE	1	1.6*	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	50	0.5	74	0.7	77	0.7
LOS ANGELES	49	0.5	73	0.7	74	0.7
LONG BEACH	0	-	0	-	2	0.4*
PASADENA	1	0.7*	1	0.7*	1	0.7*
MADERA	0	-	1	0.7*	0	-
MARIN	2	0.8*	2	0.8*	3	1.2*
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	1	1.1*	0	-
MERCED	2	0.8*	1	0.4*	0	-
MODOC	0	-	0	-	2	21.6*
MONO	0	-	0	-	0	-
MONTEREY	11	2.6*	7	1.7*	7	1.6*
NAPA	1	0.7*	1	0.7*	3	2.2*
NEVADA	2	2.0*	0	-	0	-
ORANGE	23	0.8	30	1.0	22	0.7
PLACER	0	-	1	0.3*	2	0.5*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	5	0.2*	12	0.5*	13	0.6*
SACRAMENTO	1	0.1*	2	0.1*	7	0.5*
SAN BENITO	0	-	1	1.8*	0	-
SAN BERNARDINO	8	0.4*	11	0.5*	7	0.3*
SAN DIEGO	25	0.8	35	1.1	22	0.7
SAN FRANCISCO	7	0.9*	4	0.5*	1	0.1*
SAN JOAQUIN	2	0.3*	6	0.9*	4	0.6*
SAN LUIS OBISPO	1	0.4*	5	1.8*	3	1.1*
SAN MATEO	3	0.4*	10	1.4*	6	0.8*
SANTA BARBARA	6	1.4*	6	1.4*	7	1.6*
SANTA CLARA	18	1.0*	25	1.4	14	0.8*
SANTA CRUZ	5	1.9*	4	1.5*	7	2.6*
SHASTA	1	0.6*	3	1.7*	4	2.2*
SIERRA	0	-	0	-	0	-
SISKIYOU	1	2.2*	0	-	1	2.2*
SOLANO	3	0.7*	0	-	2	0.5*
SONOMA	9	1.8*	1	0.2*	2	0.4*
STANISLAUS	7	1.4*	2	0.4*	4	0.8*
SUTTER	0	-	0	-	2	2.1*
TEHAMA	1	1.6*	1	1.6*	0	-
TRINITY	0	-	0	-	0	-
TULARE	1	0.2*	3	0.7*	5	1.1*
TUOLUMNE	0	-	0	-	0	-
VENTURA	9	1.1*	8	1.0*	3	0.4*
YOLO	0	-	1	0.5*	0	-
YUBA	0	-	0	-	1	1.4*

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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E. coli Other STEC (non-O157)

E. coli Other STEC (non-O157), Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	2011	2012	2013
TOTAL	242	287	266
JANUARY	19	17	15
FEBRUARY	10	21	15
MARCH	17	24	20
APRIL	13	21	31
MAY	24	33	31
JUNE	27	35	25
JULY	37	33	37
AUGUST	32	31	28
SEPTEMBER	18	24	21
OCTOBER	17	27	21
NOVEMBER	17	10	13
DECEMBER	11	11	9

E. coli Other STEC (non-O157), Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	242	0.6	287	0.8	266	0.7
0	22	4.3	9	1.7*	13	2.5*
1-4	98	4.9	124	6.2	114	5.7
5-9	22	0.9	25	1.0	26	1.0
10-14	20	0.8	19	0.8	17	0.7*
15-24	29	0.5	39	0.7	32	0.6
25-34	13	0.2*	17	0.3*	20	0.4
35-44	8	0.2*	13	0.3*	6	0.1*
45-54	8	0.2*	11	0.2*	8	0.2*
55-64	8	0.2*	13	0.3*	11	0.2*
65+	14	0.3*	17	0.4*	18	0.4*
UNKNOWN	0	-	0	-	1	.

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

E. coli Other STEC (non-O157), Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	242	0.6	287	0.8	266	0.7
ASIAN/PACIFIC ISLANDER	6	0.1*	13	0.3*	7	0.1*
BLACK, NOT HISPANIC	4	0.2*	2	0.1*	5	0.2*
HISPANIC	117	0.8	134	0.9	135	0.9
AMERICAN INDIAN/ALASKAN NATIVE	2	1.2*	0	-	0	-
WHITE, NOT HISPANIC	85	0.6	91	0.6	84	0.6
OTHER/UNKNOWN	4	-	8	-	10	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Giardiasis

Giardiasis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1,724	4.6	1,788	4.7	1,994	5.2
ALAMEDA COUNTY TOTAL	121	7.4	104	6.3	108	6.4
ALAMEDA	105	6.9	95	6.2	84	5.4
BERKELEY	16	14.0*	9	7.8*	24	20.5
ALPINE	0	-	0	-	0	-
AMADOR	0	-	6	16.5*	1	2.8*
BUTTE	16	7.3*	4	1.8*	11	5.0*
CALAVERAS	3	6.6*	3	6.6*	0	-
COLUSA	5	23.3*	0	-	0	-
CONTRA COSTA	46	4.3	59	5.5	59	5.5
DEL NORTE	2	7.0*	2	7.0*	0	-
EL DORADO	12	6.6*	9	4.9*	4	2.2*
FRESNO	16	1.7*	11	1.2*	18	1.9*
GLENN	0	-	0	-	1	3.5*
HUMBOLDT	12	8.9*	20	14.9	17	12.6*
IMPERIAL	0	-	4	2.2*	1	0.6*
INYO	0	-	0	-	0	-
KERN	27	3.2	16	1.9*	15	1.7*
KINGS	1	0.7*	0	-	1	0.7*
LAKE	1	1.6*	2	3.1*	3	4.7*
LASSEN	0	-	0	-	2	6.1*
LOS ANGELES COUNTY TOTAL	325	3.1	332	3.1	433	4.1
LOS ANGELES	300	3.0	314	3.2	399	4.0
LONG BEACH	21	4.5	15	3.2*	22	4.7
PASADENA	4	2.9*	3	2.1*	12	8.5*
MADERA	1	0.7*	3	2.0*	2	1.3*
MARIN	30	11.8	40	15.7	38	14.9
MARIPOSA	0	-	0	-	2	10.8*
MENDOCINO	7	7.9*	12	13.5*	9	10.1*
MERCED	6	2.3*	6	2.3*	3	1.1*
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	12	2.9*	14	3.3*	8	1.9*
NAPA	4	2.9*	9	6.5*	11	7.9*
NEVADA	10	10.1*	9	9.2*	9	9.2*
ORANGE	140	4.6	111	3.6	149	4.8
PLACER	24	6.7	12	3.3*	32	8.8
PLUMAS	0	-	7	35.8*	1	5.2*
RIVERSIDE	22	1.0	48	2.1	55	2.4
SACRAMENTO	65	4.5	64	4.5	83	5.7
SAN BENITO	1	1.8*	4	7.0*	3	5.2*
SAN BERNARDINO	39	1.9	28	1.4	48	2.3
SAN DIEGO	245	7.8	241	7.6	264	8.3
SAN FRANCISCO	173	21.3	179	21.8	197	23.7
SAN JOAQUIN	44	6.4	34	4.9	36	5.1
SAN LUIS OBISPO	17	6.3*	16	5.9*	7	2.6*
SAN MATEO	57	7.8	54	7.3	46	6.2
SANTA BARBARA	27	6.3	23	5.4	21	4.9
SANTA CLARA	89	4.9	123	6.7	124	6.7
SANTA CRUZ	10	3.8*	20	7.4	19	7.0
SHASTA	3	1.7*	5	2.8*	5	2.8*
SIERRA	1	31.8*	0	-	0	-
SISKIYOU	1	2.2*	7	15.4*	5	11.1*
SOLANO	10	2.4*	19	4.5	13	3.1*
SONOMA	36	7.4	49	10.0	37	7.5
STANISLAUS	13	2.5*	11	2.1*	18	3.4*
SUTTER	0	-	3	3.1*	4	4.1*
TEHAMA	1	1.6*	5	7.9*	0	-
TRINITY	0	-	0	-	0	-
TULARE	9	2.0*	22	4.9	16	3.5*
TUOLUMNE	1	1.8*	1	1.8*	0	-
VENTURA	19	2.3	30	3.6	34	4.0
YOLO	20	9.9	6	2.9*	16	7.8*
YUBA	0	-	1	1.4*	5	6.8*

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Giardiasis

Giardiasis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	1,724	1,788	1,994
JANUARY	130	125	206
FEBRUARY	114	98	148
MARCH	156	121	169
APRIL	140	134	129
MAY	133	140	149
JUNE	144	140	167
JULY	175	167	206
AUGUST	173	185	229
SEPTEMBER	169	174	201
OCTOBER	138	168	144
NOVEMBER	130	154	117
DECEMBER	122	182	129

Giardiasis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	1,724	4.6	1,788	4.7	1,994	5.2
0	17	3.4*	5	1.0*	13	2.5*
1-4	177	8.8	154	7.7	159	7.9
5-9	137	5.5	120	4.8	133	5.3
10-14	74	2.9	87	3.4	82	3.3
15-24	191	3.4	207	3.7	230	4.1
25-34	225	4.2	239	4.4	295	5.4
35-44	280	5.4	285	5.5	296	5.8
45-54	250	4.8	276	5.3	329	6.3
55-64	198	4.7	231	5.3	239	5.4
65+	168	3.8	176	3.9	206	4.4
UNKNOWN	7	.	8	.	12	.

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Giardiasis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	1,724	4.6	1,788	4.7	1,994	5.2
ASIAN/PACIFIC ISLANDER	104	2.1	94	1.9	66	1.3
BLACK, NOT HISPANIC	71	3.2	63	2.9	62	2.8
HISPANIC	251	1.8	236	1.6	262	1.8
AMERICAN INDIAN/ALASKAN NATIVE	2	1.2*	4	2.4*	2	1.2*
WHITE, NOT HISPANIC	489	3.3	504	3.4	603	4.0
OTHER/UNKNOWN	143	-	78	-	153	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Hantavirus Infection

Hantavirus Infection, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	10	0.0*	3	0.0*
ALAMEDA COUNTY TOTAL	0	-	2	0.1*	0	-
ALAMEDA	0	-	2	0.1*	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	1	0.1*	1	0.1*
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	1	5.3*
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	1	0.0*
LOS ANGELES	0	-	0	-	1	0.0*
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	1	7.0*	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	1	0.0*	0	-
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	0	-
SAN DIEGO	0	-	1	0.0*	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	1	0.1*	0	-
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	1	0.5*	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Hantavirus Infection

Hantavirus Infection, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	0	10	3
JANUARY	0	1	0
FEBRUARY	0	0	0
MARCH	0	0	0
APRIL	0	0	0
MAY	0	1	1
JUNE	0	0	1
JULY	0	5	0
AUGUST	0	3	1
SEPTEMBER	0	0	0
OCTOBER	0	0	0
NOVEMBER	0	0	0
DECEMBER	0	0	0

Hantavirus Infection, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	0	-	10	0.0*	3	0.0*
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	1	0.0*	1	0.0*
15-24	0	-	0	-	0	-
25-34	0	-	1	0.0*	0	-
35-44	0	-	4	0.1*	0	-
45-54	0	-	3	0.1*	1	0.0*
55-64	0	-	1	0.0*	1	0.0*
65+	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Hantavirus Infection, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	0	-	10	0.0*	3	0.0*
ASIAN/PACIFIC ISLANDER	0	-	3	0.1*	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	0	-	2	0.0*	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	4	0.0*	3	0.0*
OTHER/UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Hemolytic Uremic Syndrome

Hemolytic Uremic Syndrome, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	47	0.1	42	0.1	58	0.2
ALAMEDA COUNTY TOTAL	3	0.2*	4	0.2*	2	0.1*
ALAMEDA	3	0.2*	4	0.3*	2	0.1*
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	1	0.5*
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	4	0.4*	2	0.2*	4	0.4*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	1	0.1*	2	0.2*	1	0.1*
GLENN	0	-	0	-	0	-
HUMBOLDT	1	0.7*	1	0.7*	4	3.0*
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	1	0.1*	1	0.1*	0	-
KINGS	1	0.7*	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	6	0.1*	4	0.0*	6	0.1*
LOS ANGELES	6	0.1*	4	0.0*	6	0.1*
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	1	0.7*	0	-	1	0.7*
MARIN	0	-	0	-	2	0.8*
MARIPOSA	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	0	-
MERCED	1	0.4*	3	1.1*	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	2	0.5*	0	-	0	-
NAPA	1	0.7*	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	4	0.1*	1	0.0*
PLACER	0	-	2	0.6*	1	0.3*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	1	0.0*	0	-	0	-
SACRAMENTO	1	0.1*	2	0.1*	3	0.2*
SAN BENITO	0	-	1	1.8*	0	-
SAN BERNARDINO	0	-	1	0.0*	0	-
SAN DIEGO	3	0.1*	4	0.1*	2	0.1*
SAN FRANCISCO	0	-	0	-	7	0.8*
SAN JOAQUIN	1	0.1*	2	0.3*	3	0.4*
SAN LUIS OBISPO	0	-	0	-	2	0.7*
SAN MATEO	0	-	0	-	1	0.1*
SANTA BARBARA	0	-	0	-	1	0.2*
SANTA CLARA	3	0.2*	4	0.2*	7	0.4*
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	1	0.6*	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	3	0.7*
SONOMA	5	1.0*	2	0.4*	2	0.4*
STANISLAUS	3	0.6*	1	0.2*	2	0.4*
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	4	0.9*	0	-	1	0.2*
TUOLUMNE	0	-	0	-	0	-
VENTURA	1	0.1*	1	0.1*	0	-
YOLO	1	0.5*	0	-	0	-
YUBA	1	1.4*	0	-	1	1.4*

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Hemolytic Uremic Syndrome

Hemolytic Uremic Syndrome, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	47	42	58
JANUARY	0	2	0
FEBRUARY	1	8	1
MARCH	3	2	1
APRIL	2	2	2
MAY	2	3	3
JUNE	1	4	4
JULY	8	6	9
AUGUST	5	5	13
SEPTEMBER	5	4	10
OCTOBER	9	3	10
NOVEMBER	8	1	3
DECEMBER	3	2	2

Hemolytic Uremic Syndrome, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	47	0.1	42	0.1	58	0.2
0	1	0.2*	1	0.2*	1	0.2*
1-4	21	1.0	19	1.0	26	1.3
5-9	12	0.5*	8	0.3*	12	0.5*
10-14	4	0.2*	8	0.3*	1	0.0*
15-24	3	0.1*	2	0.0*	7	0.1*
25-34	1	0.0*	0	-	2	0.0*
35-44	0	-	0	-	1	0.0*
45-54	2	0.0*	0	-	0	-
55-64	2	0.0*	1	0.0*	2	0.0*
65+	1	0.0*	3	0.1*	5	0.1*
UNKNOWN	0	-	0	-	1	.

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Hemolytic Uremic Syndrome, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	47	0.1	42	0.1	58	0.2
ASIAN/PACIFIC ISLANDER	2	0.0*	2	0.0*	5	0.1*
BLACK, NOT HISPANIC	1	0.0*	1	0.0*	1	0.0*
HISPANIC	13	0.1*	13	0.1*	12	0.1*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	24	0.2	19	0.1	32	0.2
OTHER/UNKNOWN	4	-	2	-	1	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Hepatitis E, acute infection

Hepatitis E, acute infection, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	3	0.0*	19	0.1	41	0.1
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*
ALAMEDA	0	-	0	-	1	0.1*
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	3	0.3*	1	0.1*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	2	0.2*	1	0.1*
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	4	0.0*	2	0.0*
LOS ANGELES	0	-	2	0.0*	1	0.0*
LONG BEACH	0	-	2	0.4*	1	0.2*
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	3	1.2*
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	1	0.2*
NAPA	0	-	0	-	0	-
NEVADA	1	1.0*	0	-	0	-
ORANGE	0	-	1	0.0*	1	0.0*
PLACER	0	-	1	0.3*	2	0.5*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	1	0.1*	6	0.4*
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	2	0.1*
SAN DIEGO	1	0.0*	4	0.1*	2	0.1*
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	1	0.4*	0	-
SAN MATEO	1	0.1*	2	0.3*	0	-
SANTA BARBARA	0	-	0	-	1	0.2*
SANTA CLARA	0	-	0	-	14	0.8*
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	1	0.2*
SONOMA	0	-	0	-	2	0.4*
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	1	1.4*

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Hepatitis E, acute infection

Hepatitis E, acute infection, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET		
	2011	2012	2013
TOTAL	3	19	41
JANUARY	0	1	1
FEBRUARY	0	2	3
MARCH	0	0	6
APRIL	0	1	5
MAY	0	2	3
JUNE	0	1	1
JULY	0	2	2
AUGUST	0	1	7
SEPTEMBER	0	1	7
OCTOBER	1	2	2
NOVEMBER	1	2	3
DECEMBER	1	4	1

Hepatitis E, acute infection, Cases and Rates by Age Group, California, 2011 to 2013

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	19	0.1	41	0.1
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	1	0.0*
10-14	0	-	1	0.0*	1	0.0*
15-24	0	-	4	0.1*	8	0.1*
25-34	2	0.0*	2	0.0*	13	0.2*
35-44	1	0.0*	1	0.0*	5	0.1*
45-54	0	-	3	0.1*	2	0.0*
55-64	0	-	6	0.1*	8	0.2*
65+	0	-	2	0.0*	3	0.1*
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Hepatitis E, acute infection, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	3	0.0*	19	0.1	41	0.1
ASIAN/PACIFIC ISLANDER	1	0.0*	5	0.1*	7	0.1*
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	0	-	2	0.0*	3	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	1	0.0*	4	0.0*	7	0.0*
OTHER/UNKNOWN	0	-	1	-	1	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Legionellosis

Legionellosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	249	0.7	248	0.7	204	0.5
ALAMEDA COUNTY TOTAL	5	0.3*	5	0.3*	4	0.2*
ALAMEDA	5	0.3*	3	0.2*	3	0.2*
BERKELEY	0	-	2	1.7*	1	0.9*
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	1	0.5*	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	5	0.5*	2	0.2*	7	0.6*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	3	0.3*	5	0.5*	4	0.4*
GLENN	0	-	0	-	0	-
HUMBOLDT	1	0.7*	1	0.7*	4	3.0*
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	1	0.1*	4	0.5*	1	0.1*
KINGS	1	0.7*	1	0.7*	1	0.7*
LAKE	0	-	0	-	1	1.6*
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	117	1.1	114	1.1	90	0.8
LOS ANGELES	116	1.2	108	1.1	83	0.8
LONG BEACH	1	0.2*	5	1.1*	3	0.6*
PASADENA	0	-	1	0.7*	4	2.8*
MADERA	1	0.7*	0	-	0	-
MARIN	1	0.4*	1	0.4*	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	2	0.8*	0	-	1	0.4*
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	3	0.7*	2	0.5*	2	0.5*
NAPA	0	-	2	1.4*	0	-
NEVADA	0	-	0	-	0	-
ORANGE	30	1.0	25	0.8	14	0.5*
PLACER	3	0.8*	2	0.6*	2	0.5*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	8	0.4*	10	0.4*	8	0.4*
SACRAMENTO	7	0.5*	7	0.5*	10	0.7*
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	12	0.6*	12	0.6*	10	0.5*
SAN DIEGO	20	0.6	22	0.7	18	0.6*
SAN FRANCISCO	2	0.2*	4	0.5*	2	0.2*
SAN JOAQUIN	3	0.4*	4	0.6*	0	-
SAN LUIS OBISPO	1	0.4*	0	-	0	-
SAN MATEO	2	0.3*	2	0.3*	1	0.1*
SANTA BARBARA	3	0.7*	3	0.7*	4	0.9*
SANTA CLARA	6	0.3*	9	0.5*	4	0.2*
SANTA CRUZ	3	1.1*	3	1.1*	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	2	4.4*
SOLANO	3	0.7*	1	0.2*	6	1.4*
SONOMA	1	0.2*	2	0.4*	1	0.2*
STANISLAUS	0	-	2	0.4*	1	0.2*
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	1	0.2*
TUOLUMNE	0	-	0	-	0	-
VENTURA	4	0.5*	3	0.4*	5	0.6*
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Legionellosis

Legionellosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	249	248	204
JANUARY	25	14	21
FEBRUARY	22	17	18
MARCH	16	14	15
APRIL	15	15	11
MAY	20	16	14
JUNE	16	14	17
JULY	21	13	29
AUGUST	21	28	11
SEPTEMBER	16	23	24
OCTOBER	30	21	19
NOVEMBER	31	18	11
DECEMBER	16	55	14

Legionellosis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	249	0.7	248	0.7	204	0.5
0	0	-	0	-	3	0.6*
1-4	2	0.1*	0	-	0	-
5-9	2	0.1*	1	0.0*	1	0.0*
10-14	0	-	0	-	0	-
15-24	1	0.0*	2	0.0*	5	0.1*
25-34	8	0.1*	7	0.1*	1	0.0*
35-44	13	0.3*	10	0.2*	15	0.3*
45-54	46	0.9	48	0.9	27	0.5
55-64	70	1.7	49	1.1	50	1.1
65+	107	2.4	131	2.9	102	2.2
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Legionellosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	249	0.7	248	0.7	204	0.5
ASIAN/PACIFIC ISLANDER	12	0.2*	13	0.3*	9	0.2*
BLACK, NOT HISPANIC	32	1.5	23	1.0	30	1.4
HISPANIC	58	0.4	46	0.3	34	0.2
AMERICAN INDIAN/ALASKAN NATIVE	1	0.6*	0	-	0	-
WHITE, NOT HISPANIC	124	0.8	122	0.8	98	0.7
OTHER/UNKNOWN	5	-	8	-	8	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Leprosy (Hansen's Disease)

Leprosy (Hansen's Disease), Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
CALIFORNIA TOTAL	10	0.0*	13	0.0*	8	0.0*
ALAMEDA COUNTY TOTAL	3	0.2*	1	0.1*	0	-
ALAMEDA	3	0.2*	1	0.1*	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	1	0.1*	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	1	3.1*
LOS ANGELES COUNTY TOTAL	3	0.0*	3	0.0*	0	-
LOS ANGELES	3	0.0*	2	0.0*	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	1	0.7*	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	4	0.1*	1	0.0*
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	1	0.1*	2	0.1*
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	1	0.1*	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	3	0.2*	0	-	3	0.2*
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	1	0.2*
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	1	0.2*	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Leprosy (Hansen's Disease)

Leprosy (Hansen's Disease), Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	2011	2012	2013
TOTAL	10	13	8
JANUARY	1	0	1
FEBRUARY	1	1	0
MARCH	1	3	1
APRIL	0	3	1
MAY	1	1	0
JUNE	0	1	1
JULY	1	0	1
AUGUST	0	1	0
SEPTEMBER	2	0	0
OCTOBER	2	2	2
NOVEMBER	0	0	1
DECEMBER	1	1	0

Leprosy (Hansen's Disease), Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	10	0.0*	13	0.0*	8	0.0*
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	1	0.0*
10-14	0	-	0	-	0	-
15-24	0	-	1	0.0*	0	-
25-34	2	0.0*	3	0.1*	3	0.1*
35-44	5	0.1*	2	0.0*	1	0.0*
45-54	2	0.0*	4	0.1*	0	-
55-64	0	-	0	-	3	0.1*
65+	1	0.0*	2	0.0*	0	-
UNKNOWN	0	-	1	.	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Leprosy (Hansen's Disease), Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	10	0.0*	13	0.0*	8	0.0*
ASIAN/PACIFIC ISLANDER	4	0.1*	8	0.2*	6	0.1*
BLACK, NOT HISPANIC	1	0.0*	0	-	0	-
HISPANIC	2	0.0*	5	0.0*	1	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	0	-	1	0.0*
OTHER/UNKNOWN	1	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Leptospirosis

Leptospirosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	1	0.0*	1	0.0*
ALAMEDA COUNTY TOTAL	0	-	1	0.1*	0	-
ALAMEDA	0	-	0	-	0	-
BERKELEY	0	-	1	0.9*	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	1	0.0*
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	1	0.0*	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Leptospirosis

Leptospirosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	1	1	1
JANUARY	0	1	0
FEBRUARY	1	0	0
MARCH	0	0	0
APRIL	0	0	0
MAY	0	0	0
JUNE	0	0	0
JULY	0	0	0
AUGUST	0	0	0
SEPTEMBER	0	0	0
OCTOBER	0	0	0
NOVEMBER	0	0	1
DECEMBER	0	0	0

Leptospirosis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	1	0.0*	1	0.0*	1	0.0*
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	1	0.0*	0	-	0	-
25-34	0	-	0	-	0	-
35-44	0	-	1	0.0*	1	0.0*
45-54	0	-	0	-	0	-
55-64	0	-	0	-	0	-
65+	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Leptospirosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	1	0.0*	1	0.0*	1	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	1	0.0*	1	0.0*	1	0.0*
OTHER/UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Listeriosis

Listeriosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	120	0.3	107	0.3	104	0.3
ALAMEDA COUNTY TOTAL	5	0.3*	5	0.3*	3	0.2*
ALAMEDA	5	0.3*	5	0.3*	3	0.2*
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	1	0.5*	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	3	0.3*	1	0.1*	4	0.4*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	3	0.3*	1	0.1*	1	0.1*
GLENN	0	-	0	-	0	-
HUMBOLDT	1	0.7*	1	0.7*	1	0.7*
IMPERIAL	0	-	2	1.1*	0	-
INYO	0	-	0	-	0	-
KERN	0	-	1	0.1*	2	0.2*
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	1	1.6*
LASSEN	0	-	0	-	2	6.1*
LOS ANGELES COUNTY TOTAL	26	0.2	35	0.3	32	0.3
LOS ANGELES	26	0.3	33	0.3	28	0.3
LONG BEACH	0	-	1	0.2*	3	0.6*
PASADENA	0	-	1	0.7*	1	0.7*
MADERA	0	-	0	-	0	-
MARIN	0	-	1	0.4*	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	1	1.1*	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	2	0.5*	2	0.5*	4	0.9*
NAPA	1	0.7*	2	1.4*	1	0.7*
NEVADA	0	-	0	-	0	-
ORANGE	11	0.4*	4	0.1*	6	0.2*
PLACER	0	-	0	-	1	0.3*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	4	0.2*	3	0.1*	1	0.0*
SACRAMENTO	1	0.1*	4	0.3*	1	0.1*
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	2	0.1*	0	-	4	0.2*
SAN DIEGO	19	0.6	12	0.4*	16	0.5*
SAN FRANCISCO	10	1.2*	10	1.2*	7	0.8*
SAN JOAQUIN	6	0.9*	0	-	1	0.1*
SAN LUIS OBISPO	2	0.7*	0	-	0	-
SAN MATEO	2	0.3*	0	-	3	0.4*
SANTA BARBARA	3	0.7*	4	0.9*	0	-
SANTA CLARA	13	0.7*	8	0.4*	4	0.2*
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	1	0.2*	1	0.2*
SONOMA	1	0.2*	2	0.4*	2	0.4*
STANISLAUS	2	0.4*	1	0.2*	2	0.4*
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	1	0.2*	1	0.2*	1	0.2*
TUOLUMNE	0	-	0	-	0	-
VENTURA	2	0.2*	4	0.5*	3	0.4*
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Listeriosis

Listeriosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	120	107	104
JANUARY	10	7	6
FEBRUARY	7	5	4
MARCH	4	5	6
APRIL	6	5	9
MAY	14	5	12
JUNE	6	14	11
JULY	16	15	10
AUGUST	15	10	9
SEPTEMBER	20	17	13
OCTOBER	8	13	10
NOVEMBER	7	2	7
DECEMBER	7	9	7

Listeriosis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	120	0.3	107	0.3	104	0.3
0	6	1.2*	4	0.8*	2	0.4*
1-4	1	0.0*	0	-	0	-
5-9	0	-	0	-	0	-
10-14	1	0.0*	2	0.1*	1	0.0*
15-24	2	0.0*	6	0.1*	4	0.1*
25-34	11	0.2*	7	0.1*	9	0.2*
35-44	9	0.2*	5	0.1*	7	0.1*
45-54	13	0.2*	11	0.2*	11	0.2*
55-64	17	0.4*	11	0.3*	17	0.4*
65+	58	1.3	61	1.3	53	1.1
UNKNOWN	2	.	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Listeriosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	120	0.3	107	0.3	104	0.3
ASIAN/PACIFIC ISLANDER	29	0.6	17	0.3*	17	0.3*
BLACK, NOT HISPANIC	7	0.3*	3	0.1*	6	0.3*
HISPANIC	26	0.2	28	0.2	23	0.2
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	49	0.3	47	0.3	38	0.3
OTHER/UNKNOWN	2	-	2	-	3	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Lyme Disease

Lyme Disease, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

JURISDICTION	2011 CASES	2011 RATE	2012 CASES	2012 RATE	2013 CASES	2013 RATE
CALIFORNIA TOTAL	104	0.3	79	0.2	113	0.3
ALAMEDA COUNTY TOTAL	1	0.1*	4	0.2*	0	-
ALAMEDA	1	0.1*	4	0.3*	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	1	2.8*
BUTTE	0	-	1	0.5*	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	3	0.3*	3	0.3*	4	0.4*
DEL NORTE	0	-	0	-	0	-
EL DORADO	1	0.6*	1	0.5*	2	1.1*
FRESNO	1	0.1*	4	0.4*	1	0.1*
GLENN	0	-	0	-	0	-
HUMBOLDT	7	5.2*	2	1.5*	4	3.0*
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	1	0.7*
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	8	0.1*	1	0.0*	22	0.2
LOS ANGELES	7	0.1*	1	0.0*	19	0.2
LONG BEACH	1	0.2*	0	-	2	0.4*
PASADENA	0	-	0	-	1	0.7*
MADERA	1	0.7*	0	-	0	-
MARIN	1	0.4*	3	1.2*	6	2.3*
MARIPOSA	0	-	1	5.4*	1	5.4*
MENDOCINO	4	4.5*	3	3.4*	1	1.1*
MERCED	1	0.4*	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	1	7.1*
MONTEREY	1	0.2*	1	0.2*	1	0.2*
NAPA	1	0.7*	2	1.4*	1	0.7*
NEVADA	8	8.1*	3	3.1*	0	-
ORANGE	6	0.2*	0	-	0	-
PLACER	1	0.3*	2	0.6*	1	0.3*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	5	0.2*	1	0.0*	2	0.1*
SACRAMENTO	1	0.1*	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	2	0.1*	1	0.0*	1	0.0*
SAN DIEGO	11	0.4*	7	0.2*	6	0.2*
SAN FRANCISCO	3	0.4*	3	0.4*	9	1.1*
SAN JOAQUIN	0	-	1	0.1*	0	-
SAN LUIS OBISPO	1	0.4*	0	-	3	1.1*
SAN MATEO	0	-	1	0.1*	4	0.5*
SANTA BARBARA	3	0.7*	0	-	7	1.6*
SANTA CLARA	9	0.5*	4	0.2*	13	0.7*
SANTA CRUZ	10	3.8*	7	2.6*	8	2.9*
SHASTA	1	0.6*	1	0.6*	0	-
SIERRA	0	-	1	32.1*	0	-
SISKIYOU	1	2.2*	1	2.2*	1	2.2*
SOLANO	0	-	0	-	0	-
SONOMA	9	1.8*	13	2.7*	7	1.4*
STANISLAUS	0	-	1	0.2*	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	2	14.8*	1	7.4*	1	7.4*
TULARE	0	-	1	0.2*	1	0.2*
TUOLUMNE	0	-	0	-	0	-
VENTURA	1	0.1*	2	0.2*	2	0.2*
YOLO	0	-	1	0.5*	1	0.5*
YUBA	0	-	1	1.4*	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Lyme Disease

Lyme Disease, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	104	79	113
JANUARY	5	5	2
FEBRUARY	1	3	3
MARCH	2	4	6
APRIL	4	3	5
MAY	4	6	8
JUNE	15	12	20
JULY	24	10	21
AUGUST	13	11	26
SEPTEMBER	14	6	12
OCTOBER	4	9	5
NOVEMBER	7	6	5
DECEMBER	11	4	0

Lyme Disease, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	104	0.3	79	0.2	113	0.3
0	0	-	0	-	0	-
1-4	5	0.2*	3	0.2*	5	0.2*
5-9	11	0.4*	11	0.4*	8	0.3*
10-14	7	0.3*	9	0.4*	10	0.4*
15-24	7	0.1*	8	0.1*	11	0.2*
25-34	9	0.2*	11	0.2*	17	0.3*
35-44	15	0.3*	10	0.2*	14	0.3*
45-54	16	0.3*	6	0.1*	19	0.4
55-64	21	0.5	10	0.2*	18	0.4*
65+	10	0.2*	9	0.2*	10	0.2*
UNKNOWN	3	.	2	.	1	.

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Lyme Disease, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	104	0.3	79	0.2	113	0.3
ASIAN/PACIFIC ISLANDER	2	0.0*	1	0.0*	2	0.0*
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	4	0.0*	2	0.0*	6	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	1	0.6*	0	-	0	-
WHITE, NOT HISPANIC	60	0.4	40	0.3	72	0.5
OTHER/UNKNOWN	10	-	1	-	3	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Malaria

Malaria, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	127	0.3	103	0.3	106	0.3
ALAMEDA COUNTY TOTAL	13	0.8*	16	1.0*	13	0.8*
ALAMEDA	12	0.8*	14	0.9*	12	0.8*
BERKELEY	1	0.9*	2	1.7*	1	0.9*
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	1	0.5*	0	-	0	-
CALAVERAS	0	-	1	2.2*	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	5	0.5*	4	0.4*	5	0.5*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	1	0.1*	4	0.4*	2	0.2*
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	2	1.5*
IMPERIAL	0	-	1	0.6*	0	-
INYO	0	-	0	-	0	-
KERN	0	-	1	0.1*	2	0.2*
KINGS	1	0.7*	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	22	0.2	21	0.2	20	0.2
LOS ANGELES	21	0.2	19	0.2	16	0.2*
LONG BEACH	0	-	1	0.2*	2	0.4*
PASADENA	1	0.7*	1	0.7*	2	1.4*
MADERA	1	0.7*	0	-	0	-
MARIN	2	0.8*	2	0.8*	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	0	-
MERCED	0	-	1	0.4*	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	3	0.7*	0	-	1	0.2*
NAPA	1	0.7*	0	-	0	-
NEVADA	0	-	1	1.0*	1	1.0*
ORANGE	7	0.2*	6	0.2*	7	0.2*
PLACER	3	0.8*	1	0.3*	1	0.3*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	8	0.4*	4	0.2*	5	0.2*
SACRAMENTO	5	0.3*	5	0.3*	1	0.1*
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	8	0.4*	3	0.1*	5	0.2*
SAN DIEGO	13	0.4*	7	0.2*	9	0.3*
SAN FRANCISCO	7	0.9*	1	0.1*	4	0.5*
SAN JOAQUIN	1	0.1*	0	-	1	0.1*
SAN LUIS OBISPO	1	0.4*	0	-	1	0.4*
SAN MATEO	0	-	0	-	1	0.1*
SANTA BARBARA	2	0.5*	1	0.2*	1	0.2*
SANTA CLARA	15	0.8*	8	0.4*	13	0.7*
SANTA CRUZ	0	-	1	0.4*	0	-
SHASTA	0	-	5	2.8*	2	1.1*
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	1	2.2*	0	-
SOLANO	0	-	0	-	1	0.2*
SONOMA	1	0.2*	0	-	2	0.4*
STANISLAUS	2	0.4*	0	-	0	-
SUTTER	0	-	2	2.1*	2	2.1*
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	1	0.2*
TUOLUMNE	0	-	1	1.8*	0	-
VENTURA	2	0.2*	3	0.4*	1	0.1*
YOLO	1	0.5*	2	1.0*	2	1.0*
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Malaria

Malaria, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	127	103	106
JANUARY	8	14	5
FEBRUARY	9	3	3
MARCH	5	7	4
APRIL	12	10	6
MAY	10	10	17
JUNE	12	11	5
JULY	13	12	12
AUGUST	18	14	11
SEPTEMBER	10	4	12
OCTOBER	10	7	9
NOVEMBER	8	7	11
DECEMBER	12	4	11

Malaria, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	127	0.3	103	0.3	106	0.3
0	2	0.4*	0	-	0	-
1-4	2	0.1*	3	0.2*	3	0.1*
5-9	5	0.2*	3	0.1*	4	0.2*
10-14	8	0.3*	3	0.1*	3	0.1*
15-24	28	0.5	20	0.4	15	0.3*
25-34	23	0.4	21	0.4	29	0.5
35-44	13	0.3*	15	0.3*	13	0.3*
45-54	21	0.4	16	0.3*	14	0.3*
55-64	15	0.4*	13	0.3*	16	0.4*
65+	10	0.2*	7	0.2*	9	0.2*
UNKNOWN	0	-	2	.	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Malaria, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	127	0.3	103	0.3	106	0.3
ASIAN/PACIFIC ISLANDER	47	0.9	29	0.6	22	0.4
BLACK, NOT HISPANIC	36	1.6	32	1.5	36	1.6
HISPANIC	4	0.0*	5	0.0*	6	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	1	0.6*	0	-	0	-
WHITE, NOT HISPANIC	22	0.1	24	0.2	20	0.1
OTHER/UNKNOWN	3	-	5	-	8	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Paralytic Shellfish Poisoning

Paralytic Shellfish Poisoning, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	0	-	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	1	0.4*	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Paralytic Shellfish Poisoning

Paralytic Shellfish Poisoning, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET		
	2011	2012	2013
TOTAL	1	0	0
JANUARY	0	0	0
FEBRUARY	0	0	0
MARCH	0	0	0
APRIL	0	0	0
MAY	1	0	0
JUNE	0	0	0
JULY	0	0	0
AUGUST	0	0	0
SEPTEMBER	0	0	0
OCTOBER	0	0	0
NOVEMBER	0	0	0
DECEMBER	0	0	0

Paralytic Shellfish Poisoning, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	0	-
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	0	-	0	-	0	-
25-34	0	-	0	-	0	-
35-44	0	-	0	-	0	-
45-54	1	0.0*	0	-	0	-
55-64	0	-	0	-	0	-
65+	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Paralytic Shellfish Poisoning, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	0	-
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	0	-	0	-
OTHER/UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Plague, human

No cases of Plague, human were reported to CDPH with illness onset during 2011-2013

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Psittacosis

Psittacosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	0	-	1	0.0*	1	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*
ALAMEDA	0	-	0	-	1	0.1*
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	1	0.5*	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Psittacosis

Psittacosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET		
	2011	**2012**	**2013**
TOTAL	0	1	1
JANUARY	0	1	0
FEBRUARY	0	0	0
MARCH	0	0	0
APRIL	0	0	0
MAY	0	0	0
JUNE	0	0	0
JULY	0	0	0
AUGUST	0	0	1
SEPTEMBER	0	0	0
OCTOBER	0	0	0
NOVEMBER	0	0	0
DECEMBER	0	0	0

Psittacosis, Cases and Rates by Age Group, California, 2011 to 2013

AGE GROUP	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	1	0.0*	1	0.0*
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	0	-	0	-	0	-
25-34	0	-	0	-	0	-
35-44	0	-	0	-	0	-
45-54	0	-	1	0.0*	0	-
55-64	0	-	0	-	1	0.0*
65+	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Psittacosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

RACE/ETHNICITY	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	0	-	1	0.0*	1	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	0	-	1	0.0*
OTHER/UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Q Fever

Q Fever, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

| | YEAR OF ESTIMATED ILLNESS ONSET | | | | | |
| | 2011 | | 2012 | | 2013 | |
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	21	0.1	20	0.1	18	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*
ALAMEDA	0	-	0	-	1	0.1*
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	0	-	1	0.1*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	1	0.1*
KINGS	0	-	1	0.7*	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	1	0.0*	1	0.0*
LOS ANGELES	0	-	1	0.0*	1	0.0*
LONG BEACH	1	0.2*	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	1	0.7*	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	1	1.1*	0	-
MERCED	3	1.2*	3	1.1*	2	0.8*
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	1	0.2*	1	0.2*	1	0.2*
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	1	0.0*	3	0.1*	1	0.0*
PLACER	1	0.3*	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	4	0.2*	1	0.0*
SACRAMENTO	3	0.2*	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	2	0.1*	1	0.0*	0	-
SAN DIEGO	2	0.1*	0	-	2	0.1*
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	1	0.4*	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	1	0.2*	1	0.2*	1	0.2*
SONOMA	0	-	0	-	1	0.2*
STANISLAUS	2	0.4*	2	0.4*	3	0.6*
SUTTER	0	-	0	-	0	-
TEHAMA	1	1.6*	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	1	0.2*	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	1	0.5*	0	-	2	1.0*
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Q Fever

Q Fever, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	2011	2012	2013
TOTAL	21	20	18
JANUARY	1	3	1
FEBRUARY	1	4	1
MARCH	1	2	0
APRIL	3	2	2
MAY	1	2	2
JUNE	1	3	2
JULY	4	2	1
AUGUST	1	1	6
SEPTEMBER	1	1	2
OCTOBER	3	0	1
NOVEMBER	1	0	0
DECEMBER	3	0	0

Q Fever, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	21	0.1	20	0.1	18	0.0*
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	1	0.0*	0	-	0	-
25-34	1	0.0*	2	0.0*	1	0.0*
35-44	5	0.1*	5	0.1*	6	0.1*
45-54	5	0.1*	6	0.1*	3	0.1*
55-64	7	0.2*	5	0.1*	4	0.1*
65+	2	0.0*	2	0.0*	4	0.1*
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Q Fever, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	21	0.1	20	0.1	18	0.0*
ASIAN/PACIFIC ISLANDER	0	-	1	0.0*	4	0.1*
BLACK, NOT HISPANIC	0	-	1	0.0*	1	0.0*
HISPANIC	9	0.1*	6	0.0*	6	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	9	0.1*	6	0.0*	5	0.0*
OTHER/UNKNOWN	0	-	1	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Rabies, animal

Rabies, animal, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	222	N/A	251	N/A	199	N/A
ALAMEDA COUNTY TOTAL	5	N/A	4	N/A	5	N/A
ALAMEDA	5	N/A	4	N/A	5	N/A
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	1	N/A	0	-
BUTTE	10	N/A	8	N/A	5	N/A
CALAVERAS	1	N/A	1	N/A	0	-
COLUSA	0	-	1	N/A	1	N/A
CONTRA COSTA	1	N/A	6	N/A	6	N/A
DEL NORTE	0	-	0	-	0	-
EL DORADO	6	N/A	9	N/A	4	N/A
FRESNO	7	N/A	3	N/A	3	N/A
GLENN	1	N/A	1	N/A	2	N/A
HUMBOLDT	3	N/A	1	N/A	0	-
IMPERIAL	1	N/A	0	-	1	N/A
INYO	0	-	0	-	0	-
KERN	6	N/A	11	N/A	6	N/A
KINGS	0	-	1	N/A	0	-
LAKE	1	N/A	1	N/A	0	-
LASSEN	1	N/A	0	-	0	-
LOS ANGELES COUNTY TOTAL	38	N/A	56	N/A	35	N/A
LOS ANGELES	38	N/A	56	N/A	35	N/A
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	2	N/A	2	N/A	1	N/A
MARIN	5	N/A	4	N/A	7	N/A
MARIPOSA	1	N/A	2	N/A	2	N/A
MENDOCINO	0	-	1	N/A	0	-
MERCED	0	-	2	N/A	0	-
MODOC	1	N/A	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	2	N/A	7	N/A	1	N/A
NAPA	0	-	0	-	0	-
NEVADA	0	-	2	N/A	2	N/A
ORANGE	11	N/A	14	N/A	13	N/A
PLACER	5	N/A	6	N/A	5	N/A
PLUMAS	0	-	0	-	0	-
RIVERSIDE	10	N/A	16	N/A	13	N/A
SACRAMENTO	6	N/A	6	N/A	6	N/A
SAN BENITO	4	N/A	1	N/A	0	-
SAN BERNARDINO	12	N/A	10	N/A	15	N/A
SAN DIEGO	11	N/A	13	N/A	10	N/A
SAN FRANCISCO	2	N/A	7	N/A	2	N/A
SAN JOAQUIN	4	N/A	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	3	N/A	3	N/A
SANTA BARBARA	3	N/A	2	N/A	0	-
SANTA CLARA	2	N/A	3	N/A	7	N/A
SANTA CRUZ	1	N/A	1	N/A	0	-
SHASTA	4	N/A	0	-	1	N/A
SIERRA	0	-	0	-	0	-
SISKIYOU	3	N/A	1	N/A	0	-
SOLANO	2	N/A	6	N/A	1	N/A
SONOMA	3	N/A	5	N/A	7	N/A
STANISLAUS	1	N/A	0	-	2	N/A
SUTTER	0	-	1	N/A	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	3	N/A	1	N/A
TULARE	8	N/A	2	N/A	3	N/A
TUOLUMNE	1	N/A	2	N/A	1	N/A
VENTURA	22	N/A	15	N/A	6	N/A
YOLO	10	N/A	6	N/A	17	N/A
YUBA	5	N/A	4	N/A	5	N/A

Rates are expressed as cases per 100,000 population.
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**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Rabies, animal

Rabies, animal, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET		
	2011	2012	2013
TOTAL	222	251	199
JANUARY	2	3	3
FEBRUARY	4	10	4
MARCH	4	11	12
APRIL	12	19	18
MAY	17	31	26
JUNE	26	28	10
JULY	29	36	36
AUGUST	36	46	38
SEPTEMBER	44	36	18
OCTOBER	30	16	18
NOVEMBER	13	10	13
DECEMBER	5	5	3

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Rabies, human

Rabies, human, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	1	0.0*	0	-
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	1	0.1*	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	1	0.7*	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Rabies, human

Rabies, human, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	1	1	0
JANUARY	0	0	0
FEBRUARY	0	0	0
MARCH	0	0	0
APRIL	1	0	0
MAY	0	0	0
JUNE	0	1	0
JULY	0	0	0
AUGUST	0	0	0
SEPTEMBER	0	0	0
OCTOBER	0	0	0
NOVEMBER	0	0	0
DECEMBER	0	0	0

Rabies, human, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	1	0.0*	1	0.0*	0	-
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	1	0.0*	0	-	0	-
10-14	0	-	0	-	0	-
15-24	0	-	0	-	0	-
25-34	0	-	1	0.0*	0	-
35-44	0	-	0	-	0	-
45-54	0	-	0	-	0	-
55-64	0	-	0	-	0	-
65+	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Rabies, human, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	1	0.0*	1	0.0*	0	-
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	1	0.0*	0	-
OTHER/UNKNOWN	1	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Relapsing Fever

Relapsing Fever, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	2	0.0*	4	0.0*	5	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*
ALAMEDA	0	-	0	-	1	0.1*
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	2	4.4*	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	1	5.3*	1	5.3*
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	2	13.9*	1	7.1*
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	1	0.4*	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	2	0.4*
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Relapsing Fever

Relapsing Fever, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	2011	2012	2013
TOTAL	2	4	5
JANUARY	0	0	0
FEBRUARY	0	0	0
MARCH	0	1	1
APRIL	0	0	0
MAY	0	0	0
JUNE	0	1	2
JULY	0	0	1
AUGUST	0	1	1
SEPTEMBER	2	1	0
OCTOBER	0	0	0
NOVEMBER	0	0	0
DECEMBER	0	0	0

Relapsing Fever, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2	0.0*	4	0.0*	5	0.0*
0	0	-	0	-	0	-
1-4	1	0.0*	0	-	2	0.1*
5-9	0	-	0	-	0	-
10-14	0	-	1	0.0*	0	-
15-24	0	-	1	0.0*	0	-
25-34	1	0.0*	1	0.0*	1	0.0*
35-44	0	-	1	0.0*	0	-
45-54	0	-	0	-	1	0.0*
55-64	0	-	0	-	1	0.0*
65+	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Relapsing Fever, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	2	0.0*	4	0.0*	5	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	1	0.0*	4	0.0*	3	0.0*
OTHER/UNKNOWN	0	-	0	-	1	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Salmonellosis

Salmonellosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

| | YEAR OF ESTIMATED ILLNESS ONSET | | | | | |
| | 2011 | | 2012 | | 2013 | |
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	4,034	10.7	4,674	12.3	5,046	13.2
ALAMEDA COUNTY TOTAL	240	14.6	224	13.5	246	14.6
ALAMEDA	229	15.0	208	13.5	229	14.6
BERKELEY	11	9.6*	16	13.9*	17	14.5*
ALPINE	0	-	0	-	0	-
AMADOR	7	18.8*	3	8.2*	2	5.5*
BUTTE	34	15.4	23	10.4	27	12.2
CALAVERAS	13	28.8*	5	10.9*	6	13.2*
COLUSA	4	18.6*	0	-	4	18.5*
CONTRA COSTA	125	11.8	126	11.8	139	12.8
DEL NORTE	0	-	0	-	0	-
EL DORADO	19	10.5	16	8.8*	33	18.0
FRESNO	136	14.5	148	15.6	197	20.5
GLENN	1	3.5*	9	32.0*	6	21.3*
HUMBOLDT	8	5.9*	16	11.9*	12	8.9*
IMPERIAL	40	22.6	27	15.2	42	23.5
INYO	0	-	2	10.6*	3	15.9*
KERN	65	7.7	57	6.7	68	7.8
KINGS	10	6.6*	13	8.6*	12	8.0*
LAKE	3	4.7*	4	6.2*	14	21.7*
LASSEN	0	-	2	6.0*	0	-
LOS ANGELES COUNTY TOTAL	944	9.0	1,126	10.7	1,084	10.2
LOS ANGELES	904	9.2	1,051	10.6	1,014	10.1
LONG BEACH	30	6.5	59	12.6	51	10.8
PASADENA	10	7.2*	16	11.4*	19	13.5
MADERA	28	18.4	22	14.5	23	15.0
MARIN	34	13.4	28	11.0	36	14.1
MARIPOSA	0	-	3	16.3*	0	-
MENDOCINO	8	9.1*	7	7.9*	13	14.7*
MERCED	35	13.5	51	19.5	34	12.9
MODOC	0	-	0	-	2	21.6*
MONO	0	-	0	-	2	14.1*
MONTEREY	51	12.1	78	18.5	48	11.3
NAPA	12	8.7*	27	19.6	23	16.5
NEVADA	9	9.1*	12	12.3*	11	11.2*
ORANGE	305	10.0	447	14.5	399	12.9
PLACER	50	14.0	43	11.9	58	15.9
PLUMAS	3	15.0*	2	10.2*	0	-
RIVERSIDE	145	6.5	206	9.2	220	9.7
SACRAMENTO	114	8.0	128	8.9	148	10.2
SAN BENITO	19	34.0	9	15.8*	12	20.9*
SAN BERNARDINO	187	9.1	247	12.0	234	11.3
SAN DIEGO	370	11.8	390	12.4	471	14.8
SAN FRANCISCO	124	15.2	123	15.0	182	21.9
SAN JOAQUIN	82	11.8	103	14.8	107	15.2
SAN LUIS OBISPO	20	7.4	42	15.5	42	15.5
SAN MATEO	96	13.2	140	19.0	167	22.5
SANTA BARBARA	51	12.0	52	12.2	51	11.8
SANTA CLARA	285	15.8	279	15.3	355	19.2
SANTA CRUZ	36	13.6	28	10.4	33	12.2
SHASTA	12	6.7*	16	9.0*	25	14.0
SIERRA	0	-	0	-	1	32.8*
SISKIYOU	3	6.7*	5	11.0*	12	26.5*
SOLANO	44	10.6	47	11.2	54	12.8
SONOMA	60	12.3	64	13.1	65	13.2
STANISLAUS	59	11.4	68	13.0	72	13.7
SUTTER	9	9.5*	12	12.4*	20	20.6
TEHAMA	14	22.0*	12	18.9*	10	15.8*
TRINITY	0	-	0	-	0	-
TULARE	52	11.6	47	10.4	56	12.3
TUOLUMNE	3	5.4*	7	12.9*	8	14.7*
VENTURA	38	4.6	96	11.5	100	11.9
YOLO	17	8.4*	21	10.2	32	15.5
YUBA	10	13.8*	11	15.0*	25	34.1

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Includes cases identified as paratyphoid.

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Salmonellosis

Salmonellosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	4,034	4,674	5,046
JANUARY	256	240	272
FEBRUARY	193	195	253
MARCH	240	223	329
APRIL	306	298	368
MAY	405	424	506
JUNE	407	385	520
JULY	517	645	639
AUGUST	499	634	522
SEPTEMBER	378	467	638
OCTOBER	343	472	416
NOVEMBER	269	398	328
DECEMBER	221	293	255

Salmonellosis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	4,034	10.7	4,674	12.3	5,046	13.2
0	222	43.8	291	55.8	305	58.1
1-4	621	30.9	691	34.6	694	34.6
5-9	412	16.5	437	17.4	534	21.1
10-14	241	9.4	260	10.3	289	11.5
15-24	481	8.6	564	10.0	570	10.1
25-34	456	8.5	495	9.1	596	10.9
35-44	363	7.0	424	8.2	452	8.8
45-54	375	7.2	462	8.8	462	8.9
55-64	343	8.1	426	9.8	482	10.9
65+	513	11.7	609	13.4	646	13.7
UNKNOWN	7	.	15	.	16	.

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Salmonellosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	4,034	10.7	4,674	12.3	5,046	13.2
ASIAN/PACIFIC ISLANDER	409	8.2	500	9.9	663	13.0
BLACK, NOT HISPANIC	131	6.0	169	7.7	182	8.2
HISPANIC	1,424	10.0	1,646	11.3	1,688	11.4
AMERICAN INDIAN/ALASKAN NATIVE	6	3.7*	13	7.9*	9	5.4*
WHITE, NOT HISPANIC	1,270	8.5	1,404	9.4	1,575	10.5
OTHER/UNKNOWN	205	-	186	-	243	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)
Includes cases identified as paratyphoid.

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Scombroid Fish Poisoning

Scombroid Fish Poisoning, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	19	0.1	13	0.0*	18	0.0*
ALAMEDA COUNTY TOTAL	2	0.1*	0	-	0	-
ALAMEDA	2	0.1*	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	2	0.0*	4	0.0*	0	-
LOS ANGELES	1	0.0*	4	0.0*	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	1	0.7*	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	1	0.4*	0	-	1	0.4*
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	1	0.2*	1	0.2*	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	4	0.1*	4	0.1*	7	0.2*
PLACER	0	-	0	-	1	0.3*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	2	0.1*	1	0.0*	0	-
SAN FRANCISCO	3	0.4*	2	0.2*	2	0.2*
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	2	0.7*	0	-	0	-
SAN MATEO	1	0.1*	0	-	3	0.4*
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	1	0.1*	1	0.1*	4	0.2*
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Scombroid Fish Poisoning

Scombroid Fish Poisoning, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	2011	2012	2013
TOTAL	19	13	18
JANUARY	1	0	0
FEBRUARY	0	1	1
MARCH	3	3	0
APRIL	3	0	5
MAY	2	2	3
JUNE	2	0	0
JULY	0	4	2
AUGUST	4	0	6
SEPTEMBER	1	0	0
OCTOBER	2	0	1
NOVEMBER	0	2	0
DECEMBER	1	1	0

Scombroid Fish Poisoning, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	19	0.1	13	0.0*	18	0.0*
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	0	-
10-14	0	-	0	-	0	-
15-24	3	0.1*	4	0.1*	4	0.1*
25-34	3	0.1*	1	0.0*	5	0.1*
35-44	7	0.1*	2	0.0*	2	0.0*
45-54	3	0.1*	2	0.0*	3	0.1*
55-64	1	0.0*	3	0.1*	1	0.0*
65+	2	0.0*	0	-	2	0.0*
UNKNOWN	0	-	1	.	1	.

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Scombroid Fish Poisoning, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	19	0.1	13	0.0*	18	0.0*
ASIAN/PACIFIC ISLANDER	2	0.0*	1	0.0*	5	0.1*
BLACK, NOT HISPANIC	1	0.0*	0	-	0	-
HISPANIC	0	-	2	0.0*	1	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	8	0.1*	8	0.1*	9	0.1*
OTHER/UNKNOWN	3	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Shiga Toxin Positive Feces (without culture confirmation)

Shiga Toxin Positive Feces (without culture confirmation), Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	80	0.2	72	0.2	47	0.1
ALAMEDA COUNTY TOTAL	2	0.1*	2	0.1*	1	0.1*
ALAMEDA	2	0.1*	1	0.1*	0	-
BERKELEY	0	-	1	0.9*	1	0.9*
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	1	0.5*	1	0.5*
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	2	0.2*	2	0.2*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	2	1.1*
FRESNO	2	0.2*	2	0.2*	0	-
GLENN	1	3.5*	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	1	0.6*	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	2	0.2*	0	-
KINGS	0	-	0	-	1	0.7*
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	16	0.2*	4	0.0*	1	0.0*
LOS ANGELES	13	0.1*	2	0.0*	1	0.0*
LONG BEACH	1	0.2*	0	-	0	-
PASADENA	2	1.4*	2	1.4*	0	-
MADERA	1	0.7*	0	-	0	-
MARIN	2	0.8*	2	0.8*	2	0.8*
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	1	1.1*
MERCED	0	-	1	0.4*	0	-
MODOC	1	10.4*	0	-	0	-
MONO	1	7.0*	0	-	0	-
MONTEREY	3	0.7*	0	-	3	0.7*
NAPA	0	-	0	-	0	-
NEVADA	0	-	1	1.0*	0	-
ORANGE	4	0.1*	4	0.1*	6	0.2*
PLACER	3	0.8*	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	5	0.2*	7	0.3*	3	0.1*
SACRAMENTO	1	0.1*	2	0.1*	4	0.3*
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	7	0.3*	9	0.4*	1	0.0*
SAN DIEGO	1	0.0*	7	0.2*	3	0.1*
SAN FRANCISCO	2	0.2*	4	0.5*	1	0.1*
SAN JOAQUIN	1	0.1*	2	0.3*	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	2	0.3*	5	0.7*	0	-
SANTA BARBARA	7	1.6*	3	0.7*	1	0.2*
SANTA CLARA	7	0.4*	2	0.1*	5	0.3*
SANTA CRUZ	1	0.4*	2	0.7*	3	1.1*
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	1	0.2*	0	-
SONOMA	1	0.2*	1	0.2*	0	-
STANISLAUS	1	0.2*	1	0.2*	0	-
SUTTER	0	-	1	1.0*	0	-
TEHAMA	2	3.1*	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	2	0.4*	2	0.4*	3	0.7*
TUOLUMNE	0	-	0	-	0	-
VENTURA	2	0.2*	0	-	2	0.2*
YOLO	0	-	0	-	0	-
YUBA	0	-	2	2.7*	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Shiga Toxin Positive Feces (without culture confirmation)

Shiga Toxin Positive Feces (without culture confirmation), Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	80	72	47
JANUARY	8	9	3
FEBRUARY	7	1	3
MARCH	3	4	1
APRIL	4	6	6
MAY	8	9	4
JUNE	9	6	4
JULY	9	5	4
AUGUST	7	5	5
SEPTEMBER	9	8	5
OCTOBER	7	9	5
NOVEMBER	5	6	2
DECEMBER	4	4	5

Shiga Toxin Positive Feces (without culture confirmation), Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	80	0.2	72	0.2	47	0.1
0	3	0.6*	2	0.4*	0	-
1-4	25	1.2	16	0.8*	17	0.8*
5-9	6	0.2*	5	0.2*	6	0.2*
10-14	1	0.0*	5	0.2*	5	0.2*
15-24	8	0.1*	11	0.2*	7	0.1*
25-34	10	0.2*	4	0.1*	3	0.1*
35-44	1	0.0*	4	0.1*	2	0.0*
45-54	3	0.1*	6	0.1*	1	0.0*
55-64	9	0.2*	8	0.2*	1	0.0*
65+	14	0.3*	11	0.2*	5	0.1*
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Shiga Toxin Positive Feces (without culture confirmation), Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	80	0.2	72	0.2	47	0.1
ASIAN/PACIFIC ISLANDER	5	0.1*	2	0.0*	3	0.1*
BLACK, NOT HISPANIC	1	0.0*	2	0.1*	1	0.0*
HISPANIC	30	0.2	21	0.1	18	0.1*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	34	0.2	26	0.2	17	0.1*
OTHER/UNKNOWN	0	-	1	-	2	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Shigellosis

Shigellosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	950	2.5	1,096	2.9	1,073	2.8
ALAMEDA COUNTY TOTAL	50	3.0	44	2.7	55	3.3
ALAMEDA	48	3.1	43	2.8	52	3.3
BERKELEY	2	1.7*	1	0.9*	3	2.6*
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	2	0.9*	7	3.2*	1	0.5*
CALAVERAS	1	2.2*	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	16	1.5*	26	2.4	22	2.0
DEL NORTE	0	-	0	-	0	-
EL DORADO	3	1.7*	1	0.5*	2	1.1*
FRESNO	18	1.9*	21	2.2	23	2.4
GLENN	0	-	0	-	1	3.5*
HUMBOLDT	1	0.7*	0	-	0	-
IMPERIAL	16	9.0*	17	9.5*	26	14.5
INYO	0	-	1	5.3*	0	-
KERN	21	2.5	24	2.8	16	1.8*
KINGS	4	2.6*	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	285	2.7	329	3.1	254	2.4
LOS ANGELES	272	2.8	306	3.1	229	2.3
LONG BEACH	9	1.9*	22	4.7	23	4.9
PASADENA	4	2.9*	1	0.7*	2	1.4*
MADERA	4	2.6*	1	0.7*	7	4.6*
MARIN	5	2.0*	4	1.6*	7	2.7*
MARIPOSA	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	0	-
MERCED	8	3.1*	9	3.4*	39	14.8
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	1	7.1*
MONTEREY	34	8.1	18	4.3*	19	4.5
NAPA	4	2.9*	5	3.6*	4	2.9*
NEVADA	3	3.0*	2	2.0*	0	-
ORANGE	64	2.1	66	2.1	69	2.2
PLACER	3	0.8*	4	1.1*	1	0.3*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	37	1.7	44	2.0	35	1.5
SACRAMENTO	15	1.0*	22	1.5	17	1.2*
SAN BENITO	3	5.4*	1	1.8*	2	3.5*
SAN BERNARDINO	17	0.8*	21	1.0	10	0.5*
SAN DIEGO	48	1.5	102	3.2	127	4.0
SAN FRANCISCO	109	13.4	144	17.5	115	13.8
SAN JOAQUIN	26	3.8	7	1.0*	14	2.0*
SAN LUIS OBISPO	4	1.5*	2	0.7*	4	1.5*
SAN MATEO	25	3.4	16	2.2*	14	1.9*
SANTA BARBARA	6	1.4*	19	4.5	15	3.5*
SANTA CLARA	39	2.2	70	3.8	50	2.7
SANTA CRUZ	9	3.4*	7	2.6*	10	3.7*
SHASTA	0	-	0	-	1	0.6*
SIERRA	0	-	0	-	0	-
SISKIYOU	1	2.2*	0	-	0	-
SOLANO	4	1.0*	6	1.4*	10	2.4*
SONOMA	9	1.8*	4	0.8*	33	6.7
STANISLAUS	13	2.5*	8	1.5*	24	4.6
SUTTER	1	1.1*	0	-	2	2.1*
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	8	1.8*	17	3.8*	17	3.7*
TUOLUMNE	0	-	0	-	1	1.8*
VENTURA	12	1.4*	23	2.8	20	2.4
YOLO	21	10.4	4	2.0*	3	1.5*
YUBA	0	-	0	-	2	2.7*

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Shigellosis

Shigellosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	2011	2012	2013
TOTAL	950	1,096	1,073
JANUARY	86	62	60
FEBRUARY	51	38	47
MARCH	50	51	52
APRIL	49	75	64
MAY	48	89	49
JUNE	71	76	107
JULY	75	118	143
AUGUST	144	169	143
SEPTEMBER	116	158	115
OCTOBER	132	103	137
NOVEMBER	74	86	79
DECEMBER	54	71	77

Shigellosis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	950	2.5	1,096	2.9	1,073	2.8
0	12	2.4*	13	2.5*	7	1.3*
1-4	155	7.7	141	7.1	155	7.7
5-9	122	4.9	155	6.2	162	6.4
10-14	46	1.8	49	1.9	52	2.1
15-24	96	1.7	97	1.7	96	1.7
25-34	143	2.7	162	3.0	157	2.9
35-44	115	2.2	153	3.0	139	2.7
45-54	147	2.8	144	2.8	145	2.8
55-64	62	1.5	85	2.0	86	1.9
65+	51	1.2	92	2.0	65	1.4
UNKNOWN	1	.	5	.	9	.

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Shigellosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	950	2.5	1,096	2.9	1,073	2.8
ASIAN/PACIFIC ISLANDER	26	0.5	46	0.9	39	0.8
BLACK, NOT HISPANIC	49	2.2	51	2.3	49	2.2
HISPANIC	437	3.1	484	3.3	486	3.3
AMERICAN INDIAN/ALASKAN NATIVE	3	1.8*	5	3.0*	4	2.4*
WHITE, NOT HISPANIC	277	1.8	359	2.4	308	2.1
OTHER/UNKNOWN	30	-	30	-	52	-

Rates are expressed as cases per 100,000 population.
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**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Spotted Fever Rickettsiosis

Spotted Fever Rickettsiosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	8	0.0*	22	0.1	15	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	1	0.1*
ALAMEDA	0	-	0	-	1	0.1*
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	3	0.3*	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	1	0.1*	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	2	1.3*	0	-
LAKE	3	4.7*	1	1.6*	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	0	-	2	0.0*
LOS ANGELES	1	0.0*	0	-	2	0.0*
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	1	0.7*	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	1	0.2*	2	0.5*	1	0.2*
NAPA	0	-	1	0.7*	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	1	0.0*	0	-
PLACER	0	-	2	0.6*	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	1	0.0*	0	-	1	0.0*
SACRAMENTO	0	-	1	0.1*	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	0	-	1	0.0*	4	0.1*
SAN FRANCISCO	0	-	0	-	1	0.1*
SAN JOAQUIN	0	-	0	-	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	2	0.3*	1	0.1*
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	1	0.1*	1	0.1*	0	-
SANTA CRUZ	0	-	1	0.4*	0	-
SHASTA	0	-	0	-	1	0.6*
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	1	0.2*	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	1	0.2*	0	-
SUTTER	0	-	0	-	1	1.0*
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	1	0.1*
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Spotted Fever Rickettsiosis

Spotted Fever Rickettsiosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	2011	2012	2013
TOTAL	8	22	15
JANUARY	0	2	0
FEBRUARY	0	2	1
MARCH	0	0	0
APRIL	1	1	1
MAY	1	1	0
JUNE	0	4	4
JULY	2	4	1
AUGUST	2	3	5
SEPTEMBER	1	1	1
OCTOBER	0	3	1
NOVEMBER	0	0	1
DECEMBER	1	1	0

Spotted Fever Rickettsiosis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	8	0.0*	22	0.1	15	0.0*
0	0	-	0	-	0	-
1-4	0	-	1	0.1*	0	-
5-9	2	0.1*	4	0.2*	0	-
10-14	1	0.0*	4	0.2*	0	-
15-24	2	0.0*	1	0.0*	1	0.0*
25-34	0	-	2	0.0*	2	0.0*
35-44	0	-	2	0.0*	2	0.0*
45-54	1	0.0*	2	0.0*	4	0.1*
55-64	1	0.0*	2	0.0*	5	0.1*
65+	1	0.0*	4	0.1*	1	0.0*
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Spotted Fever Rickettsiosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	8	0.0*	22	0.1	15	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	1	0.0*
BLACK, NOT HISPANIC	0	-	0	-	1	0.0*
HISPANIC	0	-	2	0.0*	5	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	6	0.0*	11	0.1*	6	0.0*
OTHER/UNKNOWN	0	-	1	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Staphylococcus aureus Infection (cases resulting in death or ICU)

Staphylococcus aureus Infection (cases resulting in death or ICU), Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	168	0.4	108	0.3	118	0.3
ALAMEDA COUNTY TOTAL	4	0.2*	1	0.1*	0	-
ALAMEDA	4	0.3*	1	0.1*	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	1	2.7*	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	1	2.2*	0	-	1	2.2*
COLUSA	1	4.7*	0	-	0	-
CONTRA COSTA	8	0.8*	3	0.3*	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	1	0.5*
FRESNO	3	0.3*	1	0.1*	1	0.1*
GLENN	0	-	0	-	0	-
HUMBOLDT	1	0.7*	7	5.2*	7	5.2*
IMPERIAL	0	-	0	-	1	0.6*
INYO	0	-	0	-	0	-
KERN	0	-	2	0.2*	2	0.2*
KINGS	1	0.7*	0	-	2	1.3*
LAKE	0	-	0	-	1	1.6*
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	36	0.3	19	0.2	27	0.3
LOS ANGELES	35	0.4	19	0.2	25	0.2
LONG BEACH	1	0.2*	0	-	2	0.4*
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	1	0.7*
MARIN	0	-	1	0.4*	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	1	1.1*
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	7	1.7*	1	0.2*	2	0.5*
NAPA	0	-	1	0.7*	1	0.7*
NEVADA	2	2.0*	0	-	0	-
ORANGE	20	0.7	13	0.4*	15	0.5*
PLACER	6	1.7*	3	0.8*	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	2	0.1*	1	0.0*
SACRAMENTO	6	0.4*	12	0.8*	7	0.5*
SAN BENITO	0	-	0	-	1	1.7*
SAN BERNARDINO	19	0.9	6	0.3*	9	0.4*
SAN DIEGO	9	0.3*	7	0.2*	9	0.3*
SAN FRANCISCO	3	0.4*	0	-	0	-
SAN JOAQUIN	0	-	0	-	2	0.3*
SAN LUIS OBISPO	2	0.7*	0	-	4	1.5*
SAN MATEO	2	0.3*	2	0.3*	1	0.1*
SANTA BARBARA	1	0.2*	0	-	0	-
SANTA CLARA	1	0.1*	3	0.2*	0	-
SANTA CRUZ	0	-	0	-	1	0.4*
SHASTA	2	1.1*	1	0.6*	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	2	0.5*	1	0.2*	0	-
SONOMA	1	0.2*	6	1.2*	4	0.8*
STANISLAUS	6	1.2*	3	0.6*	1	0.2*
SUTTER	4	4.2*	1	1.0*	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	15	3.4*	8	1.8*	8	1.8*
TUOLUMNE	4	7.3*	2	3.7*	7	12.9*
VENTURA	0	-	0	-	0	-
YOLO	0	-	1	0.5*	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)
Staphylococcus aureus infection (only a case resulting in death or admission to an intensive care unit of a person who has not been hospitalized or had surgery, dialysis, or residency in a long-term care facility in the past year, and did not have an indwelling catheter or percutaneous medice at the time of culture).

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Staphylococcus aureus Infection (cases resulting in death or ICU)

Staphylococcus aureus Infection (cases resulting in death or ICU), Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	2011	2012	2013
TOTAL	168	108	118
JANUARY	12	10	15
FEBRUARY	25	9	19
MARCH	23	12	8
APRIL	16	12	6
MAY	11	8	10
JUNE	9	8	7
JULY	14	8	8
AUGUST	13	14	11
SEPTEMBER	15	7	8
OCTOBER	9	10	7
NOVEMBER	10	5	11
DECEMBER	11	5	8

Staphylococcus aureus Infection (cases resulting in death or ICU), Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	168	0.4	108	0.3	118	0.3
0	5	1.0*	1	0.2*	2	0.4*
1-4	5	0.2*	6	0.3*	3	0.1*
5-9	1	0.0*	2	0.1*	0	-
10-14	6	0.2*	7	0.3*	5	0.2*
15-24	12	0.2*	6	0.1*	9	0.2*
25-34	13	0.2*	13	0.2*	14	0.3*
35-44	18	0.3*	10	0.2*	13	0.3*
45-54	33	0.6	15	0.3*	20	0.4
55-64	40	0.9	17	0.4*	24	0.5
65+	35	0.8	31	0.7	28	0.6
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Staphylococcus aureus Infection (cases resulting in death or ICU), Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	168	0.4	108	0.3	118	0.3
ASIAN/PACIFIC ISLANDER	7	0.1*	12	0.2*	4	0.1*
BLACK, NOT HISPANIC	8	0.4*	4	0.2*	7	0.3*
HISPANIC	45	0.3	19	0.1	29	0.2
AMERICAN INDIAN/ALASKAN NATIVE	0	-	1	0.6*	1	0.6*
WHITE, NOT HISPANIC	91	0.6	55	0.4	63	0.4
OTHER/UNKNOWN	4	-	2	-	2	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Staphylococcus aureus infection (only a case resulting in death or admission to an intensive care unit of a person who has not been hospitalized or had surgery, dialysis, or residency in a long-term care facility in the past year, and did not have an indwelling catheter or percutaneous medice at the time of culture).

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Streptococcal Infection (cases in food and dairy workers)

Streptococcal Infection (cases in food and dairy workers), Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	5	0.0*	12	0.0*	5	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	2	0.0*	0	-
LOS ANGELES	0	-	1	0.0*	0	-
LONG BEACH	1	0.2*	1	0.2*	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	1	0.1*	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	2	0.3*	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	6	0.3*	5	0.3*
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	3	0.4*	2	0.2*	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Streptococcal Infection (cases in food and dairy workers)

Streptococcal Infection (cases in food and dairy workers), Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	5	12	5
JANUARY	0	1	0
FEBRUARY	0	0	2
MARCH	1	1	1
APRIL	1	1	1
MAY	0	3	1
JUNE	0	2	0
JULY	0	0	0
AUGUST	0	0	0
SEPTEMBER	1	0	0
OCTOBER	0	1	0
NOVEMBER	1	1	0
DECEMBER	1	2	0

Streptococcal Infection (cases in food and dairy workers), Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	5	0.0*	12	0.0*	5	0.0*
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	1	0.0*	1	0.0*	0	-
10-14	0	-	0	-	0	-
15-24	1	0.0*	3	0.1*	2	0.0*
25-34	1	0.0*	3	0.1*	3	0.1*
35-44	0	-	2	0.0*	0	-
45-54	2	0.0*	1	0.0*	0	-
55-64	0	-	0	-	0	-
65+	0	-	1	0.0*	0	-
UNKNOWN	0	-	1	.	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Streptococcal Infection (cases in food and dairy workers), Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	5	0.0*	12	0.0*	5	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	1	0.0*	5	0.0*	4	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	1	0.0*	3	0.0*	1	0.0*
OTHER/UNKNOWN	0	-	1	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Toxic Shock Syndrome (Non-Streptococcal)

Toxic Shock Syndrome (Non-Streptococcal), Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	9	0.0*	6	0.0*	6	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	1	0.1*	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	1	0.0*	1	0.0*	2	0.0*
LOS ANGELES	1	0.0*	1	0.0*	2	0.0*
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	1	0.4*	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	1	0.7*
NEVADA	0	-	0	-	0	-
ORANGE	2	0.1*	1	0.0*	1	0.0*
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	1	0.0*	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	2	0.1*	2	0.1*	2	0.1*
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	1	0.1*	0	-	0	-
SANTA BARBARA	0	-	1	0.2*	0	-
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	1	0.2*	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Toxic Shock Syndrome (Non-Streptococcal)

Toxic Shock Syndrome (Non-Streptococcal), Cases by Month of Estimated Illness Onset, California, 2011 to 2013

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET		
	2011	2012	2013
TOTAL	9	6	6
JANUARY	1	0	0
FEBRUARY	0	0	1
MARCH	1	0	0
APRIL	2	0	1
MAY	0	1	2
JUNE	0	0	0
JULY	1	0	0
AUGUST	0	0	0
SEPTEMBER	0	2	1
OCTOBER	1	2	0
NOVEMBER	0	0	0
DECEMBER	3	1	1

Toxic Shock Syndrome (Non-Streptococcal), Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	9	0.0*	6	0.0*	6	0.0*
0	0	-	0	-	0	-
1-4	1	0.0*	1	0.1*	0	-
5-9	1	0.0*	0	-	0	-
10-14	2	0.1*	1	0.0*	2	0.1*
15-24	3	0.1*	3	0.1*	2	0.0*
25-34	1	0.0*	0	-	1	0.0*
35-44	0	-	1	0.0*	0	-
45-54	0	-	0	-	0	-
55-64	1	0.0*	0	-	1	0.0*
65+	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Toxic Shock Syndrome (Non-Streptococcal), Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	9	0.0*	6	0.0*	6	0.0*
ASIAN/PACIFIC ISLANDER	1	0.0*	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	2	0.0*	1	0.0*	1	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	5	0.0*	5	0.0*	4	0.0*
OTHER/UNKNOWN	0	-	0	-	1	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Trichinosis

Trichinosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	1	0.0*	0	-	2	0.0*
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	1	1.8*	0	-	0	-
SAN BERNARDINO	0	-	0	-	0	-
SAN DIEGO	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	1	0.2*
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	1	7.4*
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

Please refer to Page 4 for technical notes. Data are as of December 4, 2014
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Trichinosis

Trichinosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

MONTH OF ESTIMATED ONSET	YEAR OF ESTIMATED ILLNESS ONSET		
	2011	2012	2013
TOTAL	1	0	2
JANUARY	0	0	0
FEBRUARY	0	0	0
MARCH	0	0	0
APRIL	0	0	0
MAY	0	0	0
JUNE	0	0	0
JULY	0	0	0
AUGUST	0	0	0
SEPTEMBER	0	0	0
OCTOBER	1	0	0
NOVEMBER	0	0	2
DECEMBER	0	0	0

Trichinosis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	2	0.0*
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	0	-	0	-	1	0.0*
10-14	0	-	0	-	0	-
15-24	0	-	0	-	0	-
25-34	1	0.0*	0	-	0	-
35-44	0	-	0	-	0	-
45-54	0	-	0	-	1	0.0*
55-64	0	-	0	-	0	-
65+	0	-	0	-	0	-
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Trichinosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	1	0.0*	0	-	2	0.0*
ASIAN/PACIFIC ISLANDER	0	-	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	0	-	0	-	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	1	0.0*	0	-	0	-
OTHER/UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Tularemia

Tularemia, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	6	0.0*	2	0.0*	2	0.0*
ALAMEDA COUNTY TOTAL	1	0.1*	0	-	0	-
ALAMEDA	1	0.1*	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	0	-
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	0	-	0	-	0	-
LOS ANGELES	0	-	0	-	0	-
LONG BEACH	0	-	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	1	0.4*	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	1	0.7*	0	-	1	0.7*
NEVADA	0	-	0	-	0	-
ORANGE	0	-	0	-	0	-
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	2	0.1*	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	0	-
SAN DIEGO	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	1	0.1*	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	0	-	0	-
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	1	0.6*
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	1	2.2*	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Tularemia

Tularemia, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	2011	2012	2013
TOTAL	6	2	2
JANUARY	0	0	0
FEBRUARY	1	0	1
MARCH	0	0	0
APRIL	0	0	0
MAY	1	0	0
JUNE	1	1	0
JULY	1	0	1
AUGUST	0	0	0
SEPTEMBER	0	0	0
OCTOBER	1	0	0
NOVEMBER	1	0	0
DECEMBER	0	1	0

Tularemia, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	6	0.0*	2	0.0*	2	0.0*
0	0	-	0	-	0	-
1-4	0	-	0	-	0	-
5-9	1	0.0*	0	-	1	0.0*
10-14	2	0.1*	0	-	0	-
15-24	0	-	0	-	0	-
25-34	1	0.0*	1	0.0*	0	-
35-44	0	-	1	0.0*	0	-
45-54	0	-	0	-	0	-
55-64	0	-	0	-	0	-
65+	2	0.0*	0	-	1	0.0*
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Tularemia, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	6	0.0*	2	0.0*	2	0.0*
ASIAN/PACIFIC ISLANDER	2	0.0*	0	-	0	-
BLACK, NOT HISPANIC	0	-	0	-	0	-
HISPANIC	1	0.0*	1	0.0*	0	-
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	3	0.0*	1	0.0*	2	0.0*
OTHER/UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Typhoid Fever

Typhoid Fever, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	83	0.2	55	0.1	65	0.2
ALAMEDA COUNTY TOTAL	9	0.5*	5	0.3*	8	0.5*
ALAMEDA	8	0.5*	5	0.3*	7	0.4*
BERKELEY	1	0.9*	0	-	1	0.9*
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	5	0.5*	7	0.7*	5	0.5*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	3	0.3*	0	-	1	0.1*
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	1	0.1*	0	-	3	0.3*
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	23	0.2	6	0.1*	17	0.2*
LOS ANGELES	22	0.2	6	0.1*	17	0.2*
LONG BEACH	1	0.2*	0	-	0	-
PASADENA	0	-	0	-	0	-
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	1	1.1*	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	1	0.2*	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	1	1.0*
ORANGE	4	0.1*	7	0.2*	3	0.1*
PLACER	0	-	1	0.3*	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	1	0.0*	0	-
SACRAMENTO	5	0.3*	1	0.1*	6	0.4*
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	1	0.0*	0	-	1	0.0*
SAN DIEGO	5	0.2*	4	0.1*	2	0.1*
SAN FRANCISCO	3	0.4*	1	0.1*	0	-
SAN JOAQUIN	0	-	1	0.1*	1	0.1*
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	2	0.3*	2	0.3*	1	0.1*
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	15	0.8*	15	0.8*	15	0.8*
SANTA CRUZ	1	0.4*	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	1	0.2*	0	-
SONOMA	1	0.2*	1	0.2*	0	-
STANISLAUS	2	0.4*	0	-	0	-
SUTTER	1	1.1*	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	1	0.1*	0	-	1	0.1*
YOLO	0	-	1	0.5*	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Typhoid Fever

Typhoid Fever, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	2011	2012	2013
TOTAL	83	55	65
JANUARY	9	7	5
FEBRUARY	8	5	3
MARCH	5	2	9
APRIL	13	3	6
MAY	6	5	6
JUNE	6	4	10
JULY	7	4	7
AUGUST	11	3	6
SEPTEMBER	8	6	4
OCTOBER	1	3	3
NOVEMBER	6	5	5
DECEMBER	3	8	1

Typhoid Fever, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
AGE GROUP	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	83	0.2	55	0.1	65	0.2
0	1	0.2*	1	0.2*	1	0.2*
1-4	7	0.3*	3	0.2*	10	0.5*
5-9	11	0.4*	4	0.2*	5	0.2*
10-14	9	0.4*	3	0.1*	5	0.2*
15-24	10	0.2*	9	0.2*	9	0.2*
25-34	20	0.4	12	0.2*	16	0.3*
35-44	8	0.2*	13	0.3*	7	0.1*
45-54	10	0.2*	4	0.1*	6	0.1*
55-64	5	0.1*	3	0.1*	3	0.1*
65+	2	0.0*	2	0.0*	3	0.1*
UNKNOWN	0	-	1	.	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Typhoid Fever, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		2012		2013	
RACE/ETHNICITY	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	83	0.2	55	0.1	65	0.2
ASIAN/PACIFIC ISLANDER	44	0.9	43	0.9	50	1.0
BLACK, NOT HISPANIC	2	0.1*	1	0.0*	1	0.0*
HISPANIC	12	0.1*	7	0.0*	7	0.0*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	0	-	3	0.0*	2	0.0*
OTHER/UNKNOWN	10	-	0	-	1	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Typhus Fever

Typhus Fever, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	50	0.1	77	0.2	108	0.3
ALAMEDA COUNTY TOTAL	0	-	0	-	0	-
ALAMEDA	0	-	0	-	0	-
BERKELEY	0	-	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	0	-	1	0.1*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	0	-	0	-	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	0	-	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	38	0.4	48	0.5	72	0.7
LOS ANGELES	34	0.3	46	0.5	63	0.6
LONG BEACH	1	0.2*	2	0.4*	6	1.3*
PASADENA	3	2.2*	0	-	3	2.1*
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	0	-
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	0	-	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	0	-	0	-	0	-
ORANGE	12	0.4*	28	0.9	33	1.1
PLACER	0	-	0	-	0	-
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	0	-	0	-
SACRAMENTO	0	-	0	-	0	-
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	0	-	1	0.0*
SAN DIEGO	0	-	0	-	0	-
SAN FRANCISCO	0	-	0	-	1	0.1*
SAN JOAQUIN	0	-	0	-	0	-
SAN LUIS OBISPO	0	-	0	-	0	-
SAN MATEO	0	-	0	-	0	-
SANTA BARBARA	0	-	0	-	0	-
SANTA CLARA	0	-	1	0.1*	0	-
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	0	-	0	-	0	-
STANISLAUS	0	-	0	-	0	-
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	0	-
YOLO	0	-	0	-	0	-
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Typhus Fever

Typhus Fever, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	50	77	108
JANUARY	3	5	7
FEBRUARY	0	1	3
MARCH	2	0	0
APRIL	0	2	0
MAY	0	15	10
JUNE	3	9	13
JULY	7	10	13
AUGUST	7	9	18
SEPTEMBER	4	14	13
OCTOBER	9	5	16
NOVEMBER	10	5	9
DECEMBER	5	2	6

Typhus Fever, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	50	0.1	77	0.2	108	0.3
0	0	-	0	-	1	0.2*
1-4	0	-	0	-	2	0.1*
5-9	2	0.1*	5	0.2*	0	-
10-14	1	0.0*	5	0.2*	5	0.2*
15-24	5	0.1*	9	0.2*	12	0.2*
25-34	8	0.1*	10	0.2*	12	0.2*
35-44	7	0.1*	20	0.4	17	0.3*
45-54	12	0.2*	15	0.3*	23	0.4
55-64	10	0.2*	5	0.1*	23	0.5
65+	5	0.1*	8	0.2*	13	0.3*
UNKNOWN	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Typhus Fever, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	50	0.1	77	0.2	108	0.3
ASIAN/PACIFIC ISLANDER	2	0.0*	2	0.0*	6	0.1*
BLACK, NOT HISPANIC	2	0.1*	2	0.1*	4	0.2*
HISPANIC	11	0.1*	19	0.1	27	0.2
AMERICAN INDIAN/ALASKAN NATIVE	0	-	2	1.2*	0	-
WHITE, NOT HISPANIC	31	0.2	38	0.3	58	0.4
OTHER/UNKNOWN	0	-	1	-	1	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Vibrio Infection (non-Cholera)

Vibrio Infection (non-Cholera), Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	105	0.3	184	0.5	150	0.4
ALAMEDA COUNTY TOTAL	2	0.1*	8	0.5*	13	0.8*
ALAMEDA	2	0.1*	7	0.5*	12	0.8*
BERKELEY	0	-	1	0.9*	1	0.9*
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	0	-	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	10	0.9*	5	0.5*	11	1.0*
DEL NORTE	0	-	0	-	0	-
EL DORADO	0	-	0	-	0	-
FRESNO	1	0.1*	1	0.1*	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	1	0.7*
IMPERIAL	4	2.3*	0	-	0	-
INYO	0	-	0	-	0	-
KERN	0	-	2	0.2*	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	1	3.0*	0	-
LOS ANGELES COUNTY TOTAL	20	0.2	30	0.3	29	0.3
LOS ANGELES	20	0.2	29	0.3	26	0.3
LONG BEACH	0	-	1	0.2*	1	0.2*
PASADENA	0	-	0	-	2	1.4*
MADERA	0	-	0	-	0	-
MARIN	2	0.8*	1	0.4*	4	1.6*
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	0	-	1	0.4*	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	1	7.0*	1	7.1*
MONTEREY	3	0.7*	4	0.9*	1	0.2*
NAPA	0	-	1	0.7*	2	1.4*
NEVADA	0	-	0	-	0	-
ORANGE	14	0.5*	14	0.5*	16	0.5*
PLACER	1	0.3*	0	-	2	0.5*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	2	0.1*	5	0.2*	6	0.3*
SACRAMENTO	5	0.3*	5	0.3*	5	0.3*
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	2	0.1*	0	-	3	0.1*
SAN DIEGO	14	0.4*	40	1.3	14	0.4*
SAN FRANCISCO	7	0.9*	14	1.7*	15	1.8*
SAN JOAQUIN	2	0.3*	6	0.9*	2	0.3*
SAN LUIS OBISPO	3	1.1*	4	1.5*	3	1.1*
SAN MATEO	1	0.1*	8	1.1*	4	0.5*
SANTA BARBARA	1	0.2*	4	0.9*	3	0.7*
SANTA CLARA	5	0.3*	14	0.8*	6	0.3*
SANTA CRUZ	2	0.8*	2	0.7*	0	-
SHASTA	0	-	0	-	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	2	0.5*	1	0.2*	1	0.2*
SONOMA	0	-	2	0.4*	3	0.6*
STANISLAUS	0	-	4	0.8*	1	0.2*
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	0	-	0	-	0	-
TUOLUMNE	1	1.8*	0	-	0	-
VENTURA	1	0.1*	5	0.6*	2	0.2*
YOLO	0	-	1	0.5*	2	1.0*
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Vibrio Infection (non-Cholera)

Vibrio Infection (non-Cholera), Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	105	184	150
JANUARY	1	1	5
FEBRUARY	0	1	1
MARCH	0	5	1
APRIL	5	8	3
MAY	4	5	7
JUNE	12	9	14
JULY	14	32	46
AUGUST	29	44	38
SEPTEMBER	24	35	22
OCTOBER	10	22	10
NOVEMBER	4	16	3
DECEMBER	2	6	0

Vibrio Infection (non-Cholera), Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	105	0.3	184	0.5	150	0.4
0	0	-	1	0.2*	0	-
1-4	0	-	0	-	0	-
5-9	2	0.1*	5	0.2*	0	-
10-14	4	0.2*	5	0.2*	8	0.3*
15-24	8	0.1*	18	0.3*	9	0.2*
25-34	22	0.4	34	0.6	28	0.5
35-44	17	0.3*	33	0.6	33	0.6
45-54	23	0.4	36	0.7	25	0.5
55-64	15	0.4*	27	0.6	21	0.5
65+	14	0.3*	24	0.5	25	0.5
UNKNOWN	0	-	1	.	1	.

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Vibrio Infection (non-Cholera), Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	105	0.3	184	0.5	150	0.4
ASIAN/PACIFIC ISLANDER	6	0.1*	18	0.4*	14	0.3*
BLACK, NOT HISPANIC	1	0.0*	3	0.1*	3	0.1*
HISPANIC	31	0.2	41	0.3	26	0.2
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	57	0.4	96	0.6	83	0.6
OTHER/UNKNOWN	1	-	1	-	1	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Yersiniosis

Yersiniosis, Cases and Rates by Health Jurisdiction, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
JURISDICTION	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	67	0.2	58	0.2	53	0.1
ALAMEDA COUNTY TOTAL	5	0.3*	0	-	0	-
ALAMEDA	4	0.3*	0	-	0	-
BERKELEY	1	0.9*	0	-	0	-
ALPINE	0	-	0	-	0	-
AMADOR	0	-	0	-	0	-
BUTTE	0	-	2	0.9*	0	-
CALAVERAS	0	-	0	-	0	-
COLUSA	0	-	0	-	0	-
CONTRA COSTA	0	-	2	0.2*	3	0.3*
DEL NORTE	0	-	0	-	0	-
EL DORADO	1	0.6*	0	-	0	-
FRESNO	0	-	3	0.3*	0	-
GLENN	0	-	0	-	0	-
HUMBOLDT	0	-	0	-	0	-
IMPERIAL	0	-	0	-	2	1.1*
INYO	0	-	0	-	0	-
KERN	3	0.4*	1	0.1*	0	-
KINGS	0	-	0	-	0	-
LAKE	0	-	0	-	0	-
LASSEN	0	-	0	-	0	-
LOS ANGELES COUNTY TOTAL	15	0.1*	1	0.0*	1	0.0*
LOS ANGELES	15	0.2*	0	-	0	-
LONG BEACH	0	-	1	0.2*	0	-
PASADENA	0	-	0	-	1	0.7*
MADERA	0	-	0	-	0	-
MARIN	0	-	0	-	1	0.4*
MARIPOSA	0	-	0	-	0	-
MENDOCINO	0	-	0	-	0	-
MERCED	2	0.8*	0	-	0	-
MODOC	0	-	0	-	0	-
MONO	0	-	0	-	0	-
MONTEREY	1	0.2*	0	-	0	-
NAPA	0	-	0	-	0	-
NEVADA	1	1.0*	0	-	0	-
ORANGE	13	0.4*	20	0.7	9	0.3*
PLACER	1	0.3*	0	-	1	0.3*
PLUMAS	0	-	0	-	0	-
RIVERSIDE	0	-	9	0.4*	7	0.3*
SACRAMENTO	1	0.1*	5	0.3*	1	0.1*
SAN BENITO	0	-	0	-	0	-
SAN BERNARDINO	0	-	1	0.0*	2	0.1*
SAN DIEGO	10	0.3*	0	-	0	-
SAN FRANCISCO	0	-	0	-	0	-
SAN JOAQUIN	1	0.1*	6	0.9*	8	1.1*
SAN LUIS OBISPO	7	2.6*	3	1.1*	1	0.4*
SAN MATEO	1	0.1*	1	0.1*	3	0.4*
SANTA BARBARA	0	-	0	-	2	0.5*
SANTA CLARA	0	-	1	0.1*	6	0.3*
SANTA CRUZ	0	-	0	-	0	-
SHASTA	0	-	1	0.6*	0	-
SIERRA	0	-	0	-	0	-
SISKIYOU	0	-	0	-	0	-
SOLANO	0	-	0	-	0	-
SONOMA	2	0.4*	0	-	1	0.2*
STANISLAUS	1	0.2*	1	0.2*	2	0.4*
SUTTER	0	-	0	-	0	-
TEHAMA	0	-	0	-	0	-
TRINITY	0	-	0	-	0	-
TULARE	2	0.4*	1	0.2*	1	0.2*
TUOLUMNE	0	-	0	-	0	-
VENTURA	0	-	0	-	1	0.1*
YOLO	0	-	0	-	1	0.5*
YUBA	0	-	0	-	0	-

Rates are expressed as cases per 100,000 population.

*Potentially unreliable rate, relative standard error 23 percent or more

**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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Yersiniosis

Yersiniosis, Cases by Month of Estimated Illness Onset, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET		
MONTH OF ESTIMATED ONSET	**2011**	**2012**	**2013**
TOTAL	67	58	53
JANUARY	5	7	5
FEBRUARY	5	2	6
MARCH	1	7	4
APRIL	9	6	7
MAY	8	7	3
JUNE	3	3	3
JULY	6	7	3
AUGUST	4	2	5
SEPTEMBER	6	4	3
OCTOBER	8	3	7
NOVEMBER	6	6	4
DECEMBER	6	4	3

Yersiniosis, Cases and Rates by Age Group, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
AGE GROUP	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	67	0.2	58	0.2	53	0.1
0	9	1.8*	0	-	4	0.8*
1-4	3	0.1*	10	0.5*	6	0.3*
5-9	9	0.4*	4	0.2*	1	0.0*
10-14	6	0.2*	2	0.1*	5	0.2*
15-24	5	0.1*	7	0.1*	8	0.1*
25-34	1	0.0*	4	0.1*	1	0.0*
35-44	2	0.0*	5	0.1*	3	0.1*
45-54	7	0.1*	5	0.1*	9	0.2*
55-64	7	0.2*	8	0.2*	8	0.2*
65+	18	0.4*	12	0.3*	8	0.2*
UNKNOWN	0	-	1	.	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more

Yersiniosis, Cases and Rates by Race/Ethnicity, California, 2011 to 2013

	YEAR OF ESTIMATED ILLNESS ONSET					
	2011		**2012**		**2013**	
RACE/ETHNICITY	**CASES**	**RATE**	**CASES**	**RATE**	**CASES**	**RATE**
TOTAL	67	0.2	58	0.2	53	0.1
ASIAN/PACIFIC ISLANDER	7	0.1*	6	0.1*	7	0.1*
BLACK, NOT HISPANIC	2	0.1*	1	0.0*	2	0.1*
HISPANIC	16	0.1*	10	0.1*	11	0.1*
AMERICAN INDIAN/ALASKAN NATIVE	0	-	0	-	0	-
WHITE, NOT HISPANIC	22	0.1	19	0.1	14	0.1*
OTHER/UNKNOWN	5	-	1	-	0	-

Rates are expressed as cases per 100,000 population.
*Potentially unreliable rate, relative standard error 23 percent or more
**For resolution and process status inclusion criteria, please refer to technical notes (page 4)

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